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Monitor Display

If you have an EfiColor profile for your monitor, the EfiColor XTension can correct colors for your monitor so it displays the colors in your document correctly.

1. Choose **Edit** → **Preferences** → **Application** to display the **Application Preferences** dialog box.
2. Check **Display Correction**.
3. Choose the profile for your monitor from the **Display Correction** drop-down list. If your monitor is not supported, uncheck **Display Correction**.
4. Click **OK**.

Controlling Conversions

You can control which color models the EfiColor XTension converts and whether it converts colors in pictures. The EfiColor XTension does not convert colors contained in EPS or DCS files or in pictures saved with OPI comments.

1. Choose **Edit** → **Preferences** → **EfiColor** to display the **EfiColor Preferences** dialog box.
2. Check **Use EfiColor** to enable the EfiColor XTension.
3. Check options in the **Color Printer Corrections** area to selectively convert color elements:

Check	if you want to convert
Convert Pictures check box	colors in pictures
<u>CMYK Colors</u> check box	CMYK colors
<u>RGB/HSB Colors</u> check box	RGB and HSB colors
Named Colors check box	<u>PANTONE</u> , <u>TRUMATCH</u> or <u>FOCOLTONE</u> colors

4. Click **OK**.

Changing EfiColor Preferences

Default Profiles

Using the **EfiColor Preferences** dialog box, you can control the defaults assigned to QuarkXPress-created colors and to imported pictures that are not tagged with a profile.

1. Choose **Edit** → **Preferences** → **EfiColor** to display the **EfiColor Preferences** dialog box.
2. Check **Use EfiColor**.
3. Choose a profile from the **RGB/HSB Colors** drop-down list that corresponds to your monitor. This determines the source color space of colors you create in the RGB or HSB color models. It also determines the default assigned to untagged RGB pictures in the **Get Picture** dialog box.
4. Choose a profile from the **CMYK Colors** drop-down list that corresponds to your final output device. This determines the source color space of colors you create in the CMYK color model. It also determines the default assigned to untagged CMYK pictures in the **Get Picture** dialog box.
5. Click **OK**.

Setting EfiColor Preferences for New Documents

Missing Default Profiles

TRUMATCH and FOCOLTONE

PANTONE

Importing Pictures

The EfiColor XTension adds the **EfiColor Profile** and **Rendering Style** drop-down lists to the **Get Picture** dialog box.

1. Activate a picture box.
2. Choose **File** → **Get Picture** to display the **Get Picture** dialog box.
3. Choose a profile from the **EfiColor Profile** drop-down list that is the source of colors in your picture.

If the picture was scanned on an HP ScanJet IIc, for example, choose HP ScanJet IIc because the colors in the picture are defined according to the HP ScanJet IIc color space. If you don't know the original color space for the picture, whatever you choose from the **EfiColor Profile** drop-down list becomes the source color space.

4. Choose a rendering style from the **Rendering Style** drop-down list.

Choose	to
Photographic	maintain the range of colors to fit within the range (or <u>gamut</u>) of colors your printer can output
Solid Color	match specific colors, such as a business logo with a specific color in its design

5. Click **OK**.

- File formats
- Tagging pictures
- Choosing a rendering style

Changing Picture Profiles

You can change profiles or rendering styles for individual pictures without having to reimport the pictures if the profiles you initially chose in the **Get Picture** dialog box were incorrect.


1. Activate a picture box.
2. Choose **Style** → Profile to display the **Profile** dialog box. Either the RGB **Picture Profile** or CMYK **Picture Profile** dialog box will be displayed, depending on the type of picture you select.

Or, choose **Utilities** → **Profile Usage** to display the **Profile Usage** dialog box. Then click on a profile assigned to the picture. Click **Show First/Show Next** until the picture is selected. Click **Replace**.

3. Choose a profile from the **EfiColor Profile** drop-down list.
4. Choose a rendering style from the **Rendering Style** drop-down list.

Choose	to
Photographic	maintain the relative range of colors in continuous-tone pictures
Solid Color	match specific colors, such as a business logo with a specific color in its design

5. Click **OK**.

 Missing profiles

Adding and Editing Colors

When the EfiColor XTension is enabled, the **Edit Color** dialog box allows you to define process separations more specifically and identify colors that are out-of-gamut for the printer or printing process you specify in the **Target** drop-down list.

1. Choose **Edit** → **Colors** to display the **Colors** dialog box.
2. Click **New** to create a new color. Enter a name in the **Name** field.
Or, select a color and click **Edit** to edit an existing color.
3. Choose a color model from the **Model** drop-down list.
4. Uncheck Process Separation if you want to define the color as a spot color.
5. Check **Process Separation** if you want to define the color as a process color. The Rendering Style drop-down list becomes available.

Choose	to
Photographic	maintain the relative range of cyan, magenta, yellow, and black components in a process-separated color
Solid Color	maintain specific cyan, magenta, yellow, and black values in a process-separated color.

6. Check Gamut Alarm. An out-of-gamut indicator (an exclamation point inside a triangle) is displayed next to the **New** or **Old** color sample if either one is out-of-gamut.
7. Choose a printer or separation profile from the **Target** drop-down list.
8. Click **OK** to close the **Edit Color** dialog box.
9. Click **Save** to save the color.

- Source profiles for colors
- TRUMATCH and FOCOLTONE
- PANTONE
- Gamut Alarm display
- Identifying spot and process
- Identifying source profiles

PostScript Devices

The EfiColor XTension adds two drop-down lists to the QuarkXPress **Printer Setup** dialog box that enable you to specify an EfiColor profile and, for separation profiles, the percentage of Gray Component Replacement (GCR) you want.

1. Open or activate the document you want to print.
2. Choose **File** → **Printer Setup** to display the **Printer Setup** dialog box.
3. Choose a printer from the **Use PDF For** drop-down list.
4. Choose a profile from the **EfiColor Profile** drop-down list. Choose **None** if there is no appropriate profile for your printer or offset process. Choosing **None** disables the EfiColor XTension's color conversions for printing.
5. If you choose a separation profile (such as SWOP-Coated), select a Gray Component Replacement percentage from the **GCR** drop-down list.
6. The check box above the **Screen Values** area is labeled differently, depending on the device you select in the **Use PDF For** drop-down list. If you choose a color printer, the check box is labeled **Use EfiColor Screen Values**. Check this box to ensure that the document prints using the screen angles specified in the profile. Uncheck this box to use the QuarkXPress default screen angles.

If you choose a black-and-white low resolution printer or an imagesetter, the check box is labeled **Use PDF Screen Values**. Check this box to ensure that the document prints using the screen angles specified in the Printer Description File (PDF), if one is available. Uncheck this box to use the QuarkXPress default screen angles.
7. Click **OK** to close the **Printer Setup** dialog box.
8. Choose **File** → **Print**.
9. Click **OK**.

Using the correct profile

Non-PostScript Devices

QuarkXPress does not print separations to non-PostScript printers. When you select a non-PostScript device in the **Printer** area of the **Printer Setup** dialog box, the **GCR** drop-down list and the **Use PDF Screen Values/Use EfiColor Screen Values** check box are unavailable.

1. Open or activate the document you want to print.
2. Choose **File** → **Printer Setup** to display the **Printer Setup** dialog box.
3. Choose a profile from the **EfiColor Profile** drop-down list. Choose **None** if there is no appropriate profile for your printer or offset process. Choosing **None** disables the EfiColor XTension's color conversions for printing.
4. Click **OK** to close the **Printer Setup** dialog box.
5. Choose **File** → **Print**.
6. Click **OK**.

Opening a Document with Missing Profiles

If you open a document that uses a profile not installed on your computer, the EfiColor XTension alerts you and allows you to substitute another profile for the missing profile.

1. Click **OK** to close the warning message dialog box.
2. Choose **Utilities** → **Profile Usage** to display the **Profile Usage** dialog box and replace a missing profile with another profile.

If the missing profile is assigned to a single picture:

1. Click on the profile assigned to the picture.
2. Click **Show First**. Click **Replace**.
3. Choose a profile from the **EfiColor Profile** drop-down list (the name of the missing profile is dimmed, indicating the profile is missing).
4. Choose a rendering style from the **Rendering Style** drop-down list if you want to change the rendering style.
5. Click **OK**.

If the missing profile is assigned to multiple pictures:

1. Click on the profile assigned to multiple pictures.
2. Click **Replace All**.
3. Choose a profile from the **EfiColor Profile** drop-down list (the name of the missing profile is dimmed, indicating the profile is missing).
4. Choose a rendering style from the **Rendering Style** drop-down list if you want to change the rendering style.
5. Click **OK**.

If the missing profile is assigned to RGB/HSB Colors or CMYK Colors:

1. Click on the profile assigned to the color model you want to replace.
2. Click **Replace All**.
3. Choose a profile from the **EfiColor Profile** drop-down list.
4. Click **OK**.

- Printing with Missing Profiles
- Profile Usage and EfiColor Preferences
- Show First Shortcut
- Replacing Profiles with Multiple Rendering Styles

Printing a Document with Missing Profiles

If you try to print a document that has been assigned a profile that is unavailable to your computer, a warning message is displayed. You can assign another profile through the **Missing Profiles** dialog box. If you click **OK**, you will bypass the **Missing Profiles** dialog box and the EfiColor XTension will print using the default profiles specified in the **EfiColor Preferences** dialog box.

1. Choose **File** → **Print** to display the **Print** dialog box. If you don't have the necessary profiles installed on your computer, a warning message is displayed.
2. Click **List Profiles** to replace missing profiles. The **Missing Profiles** dialog box is displayed.

If the missing profile is assigned to a single picture:

1. Click on the profile assigned to the picture.
2. Click **Show First**. Then click **Replace**.
3. Choose a profile from the **EfiColor Profile** drop-down list (the name of the missing profile is dimmed, indicating the profile is missing).
4. Choose a rendering style from the **Rendering Style** drop-down list if you want to change the rendering style.
5. Click **OK**.
6. When you are finished replacing profiles, click **OK** to close the **Missing Profiles** dialog box and continue printing.

If the missing profile is assigned to multiple pictures:

1. Click on the profile assigned to multiple pictures.
2. Click **Replace All**.
3. Choose a profile from the **EfiColor Profile** drop-down list (the name of the missing profile is dimmed, indicating the profile is missing).
4. Choose a rendering style from the **Rendering Style** drop-down list if you want to change the rendering style.
5. Click **OK**.
6. When you are finished replacing profiles, click **OK** to close the **Missing Profiles** dialog box and continue printing.

If the missing profile is assigned to RGB/HSB Colors or CMYK Colors:

1. Click on the profile assigned to the color model you want to replace.
2. Click **Replace All**.
3. Choose a profile from the **EfiColor Profile** drop-down list.
4. Click **OK**.
5. When you are finished replacing profiles, click **OK** to close the **Missing Profiles** dialog box and continue printing.

Show First Shortcut

Replacing Profiles with Multiple Rendering Styles

QuarkXPress 3.1 Documents

You can enable or disable the EfiColor XTension when you open a document or template created with a version of QuarkXPress for Windows prior to 3.3.

Enabling EfiColor:

1. Open a document created in a version of QuarkXPress for Windows prior to 3.3.
2. Choose **Edit** → **Preferences** → **EfiColor** to display the **EfiColor Preferences** dialog box.
3. Check **Use EfiColor** to enable the EfiColor XTension.
4. Check options in the **Color Printer Corrections** area to selectively convert color elements.

Check	if you want to convert
--------------	-------------------------------

Convert Pictures check box	colors in pictures
CMYK Colors check box	CMYK colors
RGB/HSB Colors check box	RGB and HSB colors
Named Colors check box	<u>PANTONE, TRUMATCH</u> , or <u>FOCOLTONE</u> colors

5. Choose a profile from the **RGB/HSB Colors** drop-down list that corresponds to your monitor. This determines the source color space of colors you create in the RGB or HSB color models. It also determines the default assigned to untagged RGB pictures in the **Get Picture** dialog box.
6. Choose a profile from the **CMYK Colors** drop-down list that corresponds to your final output device. This determines the source color space of colors you create in the CMYK color model. It also determines the default assigned to untagged CMYK pictures in the **Get Picture** dialog box.
7. Click **OK**.

If you find that colors in your documents are not the same when printed from QuarkXPress 3.3 with the EfiColor XTension, either modify your default settings or disable the EfiColor XTension.

Disabling EfiColor:

1. Open a document created in a version of QuarkXPress for Windows prior to 3.3.
2. Choose **Edit** → **Preferences** → **EfiColor** to display the **EfiColor Preferences** dialog box.
3. Uncheck **Use EfiColor** to disable the EfiColor XTension.
4. Click **OK**.

Using EfiColor Help

[Using EfiColor Help](#)

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Using EfiColor Help

EfiColor Help is designed to allow quick access to online information while working in QuarkXPress. You can access help on a context-sensitive basis or simply browse Help for information.

Help is divided into two major sections:

The **How to** section provides the specific information necessary to work with the EfiColor XTension.

The **Commands** section contains descriptions of all menu items and dialog box options.

 denotes additional information about a topic. Click on the topic following the icon to view the information.

Glossary terms appear with a dotted underline. Click once on the term to view the definition. All the glossary terms can be viewed in one list if you click on the Glossary button on the menu bar.

Context-sensitive help

The EfiColor XTension does not include context-sensitive help.

How To

This section discusses real-world production tasks and how to accomplish them with the EfiColor XTension.

How to is divided into 11 areas with related subcategories describing how to perform a specific task or technique. Go to this section to find step-by-step instructions while you're working in a document.

Commands

The first line of a Help screen for a command shows the path for reaching that particular command. This is useful if you need to find out about a command and don't know how to access it. For example:

Edit → Preferences → EfiColor → EfiColor Preferences dialog box

The paragraphs following the path describe what you can accomplish by using this feature. Some descriptions include tables that explain the options contained within a command (for example, the options in a drop-down list).

Related topics provide additional information about the command you are using.

Help Menus

The Help Menus are found at the top of the EfiColor Help window. The Help Menus enable you to customize the way you work with Help.

File menu:

Choose	to
Open	open a Help file
Print Topic	print the topic in the Help window
Print Setup	select printer options before printing a topic
Exit	quit Help and save any annotations or bookmarks created

Edit menu:

Choose	to
Copy	copy the text of the current Help topic to the Clipboard.
Annotate	add your own text to the current Help topic

Bookmark menu:

Choose **Define** to place a bookmark in the current topic or remove a bookmark from any topic. The name of the topic appears in the **Bookmark** menu.

A **List of Bookmark Names** appears after you define a bookmark. Choose the bookmark for the topic you want to display in the Help window.

More appears when you have defined more than nine bookmarks and displays the complete list of defined bookmark names.

Help menu:

Choose	to
How to Use Help	display contents for How to Use Help
Always on Top	have all Help windows appear on top of other windows
About Help	view version, mode, and copyright information about Windows

Help Buttons

Choose one of the buttons along the top of the Help window to select a Help topic.

Click	to
Contents	return to the first screen of the help file, the Table of Contents
Search	pick a topic from a list of topics or type a word to search for
Back	go back one screen at a time through the topics you have viewed

	in a session
History	see a list of topics you have viewed; click on one of those topics to go directly to it instead of using Back one screen at a time
<< and >>	move forward or backward through the subcategories of a topic on the list
Glossary	alphabetically access all the glossary terms used in the online Help file

File

[Get Picture](#)

[Save Page as EPS](#)

[Printer Setup](#)

Get Picture

File → Get Picture

Use the **Get Picture** dialog box to assign a profile and a rendering style to a picture while importing the picture into QuarkXPress.

[EfiColor Profile drop-down list](#)

[Rendering Style drop-down list](#)

EfiColor Profile drop-down list

File → Get Picture → Get Picture dialog box

Choose a profile from the **EfiColor Profile** drop-down list that matches the color space in which the picture was saved.

Rendering Style drop-down list

File → Get Picture → Get Picture dialog box

You can convert the full range of colors in a picture in one of two ways:

Choose	to
Photographic	maintain the relative range of colors in continuous-tone pictures
Solid Color	match specific colors, such as a business logo with a specific color in its design

Save Page as EPS

File → Save Page as EPS

Use the **Save Page as EPS** dialog box to save a QuarkXPress page as an Encapsulated PostScript file with EfiColor information included.

Target drop-down list

GCR drop-down list

Target drop-down list

File → Save Page as EPS → Save Page as EPS dialog box

Choose an output device or separation profile from the **Target** drop-down list to assign a destination profile for the EPS file.

GCR drop-down list

File → Save Page as EPS → Save Page as EPS dialog box

Choose an option from the **GCR** drop-down list to apply a percentage of Gray Component Replacement to the EPS file. Composite devices always use 100% GCR.

Printer Setup

File → Printer Setup

Use the **Printer Setup** dialog box to set up your document for your selected printer.

EfiColor Profile drop-down list

GCR drop-down list

Use EfiColor Screen Values check box

EfiColor Profile drop-down list

File → Printer Setup → Printer Setup dialog box

Choose a profile from the **EfiColor Profile** drop-down list that corresponds to the selected printer and the choice you make in the **Use PDF For** drop-down list. Choose **None** to disable EfiColor for printing.

GCR drop-down list

File → Printer Setup → Printer Setup dialog box

Choose an option from the **GCR** drop-down list to apply a percentage of Gray Component Replacement to RGB elements in your document. Composite devices always use 100% GCR.

Use EfiColor Screen Values check box

File → Printer Setup → Printer Setup dialog box

Check **Use EfiColor Screen Values** to ensure that the document prints using the screen values specified in the EfiColor profile. **Use EfiColor Screen Values** is only available for composite devices.

Edit

Application Preferences dialog box

EfiColor Preferences dialog box

Edit Color dialog box

Application Preferences dialog box

Edit → Preferences → Application

Use the **Application Preferences** dialog box to choose the EfiColor Profile for your monitor so the colors on the screen closely match your printed output.

Display Correction check box/drop-down list

Display Correction check box/drop-down list

Edit → Preferences → Application Preferences dialog box

Check **Display Correction** to display corrected colors on-screen. Choose your monitor from the **Display Correction** drop-down list.

EfiColor Preferences dialog box

Edit → Preferences → EfiColor

Use the **EfiColor Preferences** dialog box to enable EfiColor, to control whether colors in pictures are converted, to determine which color models are converted, and to set the default profiles for QuarkXPress-created RGB/HSB and CMYK colors.

Use EfiColor check box

Convert Pictures check box

CMYK Colors check box

RGB/HSB Colors check box

Named Colors check box

Default Profiles area

RGB/HSB Colors drop-down list

CMYK Colors drop-down list

Use EfiColor check box

Edit → Preferences → EfiColor Preferences dialog box

Check **Use EfiColor** to enable the EfiColor XTension. When EfiColor is unchecked, all drop-down lists and menu entries relating to the EfiColor XTension will be unavailable.

Convert Pictures check box

Edit → Preferences → EfiColor Preferences dialog box

Check Convert **Pictures** to convert colors in pictures.

CMYK Colors check box

Edit → Preferences → EfiColor Preferences dialog box

Check CMYK Colors to convert colors defined in the CMYK model.

RGB/HSB Colors check box

Edit → Preferences → EfiColor Preferences dialog box

Check RGB/HSB **Colors** to convert colors defined in the RGB or HSB model.

Named Colors check box

Edit → Preferences → EfiColor Preferences dialog box

Check **Named Colors** to convert PANTONE, TRUMATCH, and FOCOLTONE colors.

Default Profiles area

Edit → Preferences → EfiColor Preferences dialog box

The default profiles you choose determine the source color space of RGB, HSB, and CMYK colors created in QuarkXPress. If you change the default profiles, RGB, HSB, and CMYK colors will also change. The default profiles are also the defaults in the **EfiColor Profile** drop-down list in the **Get Picture** dialog box.

RGB/HSB Colors drop-down list

Edit → Preferences → EfiColor Preferences dialog box

Choose a profile from the RGB/HSB Colors drop-down list to determine the source color space of colors you create in the RGB and HSB color models. If you change the default, you change RGB and HSB colors.

CMYK Colors drop-down list

Edit → Preferences → EfiColor Preferences dialog box

Choose a profile from the CMYK Colors drop-down list to determine the source color space of colors you create in the CMYK color model. If you change the default, you change CMYK colors.

Edit Color dialog box

Edit → Colors

Use the **Colors** command to display the **Colors** dialog box. Click **New** or **Edit** to display the **Edit Color** dialog box. Use the **Edit Color** dialog box to specify a rendering style (Photographic or Solid Color for process colors only) and to identify colors that are out-of-gamut for the printer or separation profile you choose from the **Target** drop-down list.

Rendering Style drop-down list

Gamut Alarm check box

Target drop-down list

Rendering Style drop-down list

Edit → Colors → Edit Color dialog box

If you check Process Separation, the Rendering Style drop-down list becomes available. You can convert a process-separated color in one of two ways:

Choose	to
Photographic	maintain the relative range of cyan, magenta, yellow, and black components in a process-separated color
Solid Color	maintain specific cyan, magenta, yellow, and black values in a process-separated color.

Gamut Alarm check box

Edit → Colors → Edit Colors dialog box

When you check Gamut Alarm, colors that are not within the gamut of the profile specified in the **Target** drop-down list will display a triangle with an exclamation point next to the **New** or **Old** area. When creating or editing RGB and HSB colors, a Gamut Alarm indicator is displayed on the color wheel. Colors within the red line are in-gamut; colors outside the line are out-of-gamut. An out-of-gamut Named color (PANTONE, TRUMATCH, and FOCOLTONE) is displayed with a slash through its color swatch.

Target drop-down list

Edit → Colors → Edit Colors dialog box

Choose different output devices or separation profiles from the **Target** drop-down list to see if a color is in- or out-of-gamut.

Style

Profile dialog box

Style → Profile

Choose **Profile** to verify or change the EfiColor profile and rendering style assigned to an imported picture.

Depending on the type of picture you select, the RGB Picture Profile or CMYK Picture Profile dialog box is displayed.

Use the **Profile** dialog box to verify or change the EfiColor profile and/or rendering style used for a particular picture. **Profile** is only available when a picture box containing a picture is active.

EfiColor Profile drop-down list

Rendering Style drop-down list

EfiColor Profile drop-down list

Style → Profile → Profile dialog box

Choose a profile from the **EfiColor Profile** drop-down list to apply a different profile to an imported picture.

Rendering Style drop-down list

Style → [Profile](#) → Profile dialog box

You can convert the full range of colors in a picture in one of two ways:

Choose	to
Photographic	maintain the relative range of colors in continuous-tone pictures
Solid Color	match specific colors, such as a business logo with a specific color in its design

Utilities

Profile Usage

Utilities → [Profile Usage](#)

Use the **Profile Usage** dialog box to verify that a profile is installed on your computer or to replace a missing profile with one on your computer.

[Profile list](#)

[Objects list](#)

[Status column](#)

[Picture Info area](#)

[Show First button](#)

[Replace All button](#)

[Replace button](#)

Profile list

Utilities → Profile Usage → Profile Usage dialog box.

The **Profile** list displays profiles used in a document.

Objects list

Utilities → Profile Usage → Profile Usage dialog box.

The **Object** list displays whether the profile has been assigned to RGB/HSB Colors, CMYK Colors, or pictures.

Status column

Utilities → Profile Usage → Profile Usage dialog box.

The **Status** column displays the status of the profile:

Status	Meaning
OK	the profile is installed on your computer
Missing	the profile is not installed on your computer

Picture Info area

Utilities → Profile Usage → Profile Usage dialog box.

The **Picture Info** area displays the name and rendering style for the selected picture.

Show First button

Utilities → [Profile Usage](#) → Profile Usage dialog box.

Click **Show First** to display the first picture with a missing profile assigned. **Show First** becomes **Show Next** if the profile is assigned to more than one picture.

Replace All button

Utilities → Profile Usage → Profile Usage dialog box.

If you select a profile assigned to more than one picture, you can click **Replace All** to replace a profile for all of the pictures in a single step.

Choose a profile from the **EfiColor Profile** drop-down list. Choose a rendering style from the **Rendering Style** drop-down list.

Replace button

Utilities → Profile Usage → Profile Usage dialog box.

Click **Replace** to replace profiles on a picture-by-picture basis as you display them using **Show First/Show Next**.

Choose a profile from the **EfiColor Profile** drop-down list. Choose a rendering style from the **Rendering Style** drop-down list.

Glossary of Terms

CMYK

Color space

Convert

DCS

EPS

FOCOLTONE

Gamut

Gamut Alarm

Gray Component Replacement

HSB

LAB

Metric Color Tags

OPI

PANTONE

PDF

PostScript

Process color

Process Separation

Profile

Rendering style

RGB

Separation profile

Spot color

SWOP

TIFF

TRUMATCH

CMYK

A standard way of representing color for reproduction in a subtractive system such as a printing press. In this color space, colors are represented as combinations of four colorants: cyan, magenta, yellow, and black.

Color space

A model for representing color in terms of measurable values, such as the amount of red, green, and blue in a picture. EfiColor conversions require a source color space and a target color space. The source color space is the origin of a picture's color or the EfiColor Profile for a QuarkXPress color. The target color space is the output device or printing method.

Convert

The process of accurately converting colors from one color space to another. Typically used to accurately render color objects in documents to monitors or printers.

DCS

Desktop Color Separation. A variant of EPS, DCS separates cyan, magenta, yellow, and black data into four files, linked together by a smaller, fifth file. DCS files are used for outputting high-resolution separations to imagesetters, often in conjunction with a page layout application like QuarkXPress.

EPS

An acronym for Encapsulated PostScript, a graphics format used to store high resolution pictures. EPS pictures created on a PC are often called EPSF pictures to distinguish them from EPS files that were created on the Macintosh.

FOCOLTONE

A process color matching system for specifying predictable process colors. All of the 763 colors in the FOCOLTONE color system can be created by printing the specified cyan, magenta, yellow, and black percentages under standard printing conditions.

Gamut

A range of colors. A device gamut is the range of colors that a device, such as a printer, can produce. An image gamut is the range of colors in a particular image.

Gamut Alarm

A tool you can use to check for colors that are out of the gamut of the printer or printing process you plan to use.

Gray Component Replacement

A technique for removing from the color separations some or all of the cyan, magenta, and yellow content that produces gray and replacing them with an appropriate amount of black.

HSB

A color model used most by artists because it resembles the manner in which artists mix colors. Hue describes the color pigment; Saturation is a measure of how much of the color pigment is present; and Brightness is a measure of the amount of black in a color.

LAB

A device-independent color space that plots individual colors in terms of luminance (L) and position relative to two axes (A and B).

Metric Color Tags

A specification that can be attached to a TIFF or EPS picture to define an EfiColor profile for the picture.

OPI

Open Prepress Interface. A specification that integrates high resolution pictures into desktop publishing documents. OPI specifies five files, including a main file that includes a low resolution TIFF for placement in the QuarkXPress document and four separation files that generally reside on a special OPI server.

PANTONE

A color matching system that uses specific PANTONE inks.

PDF

Printer Description File. A file that contains information for printing QuarkXPress documents to non-default printers. Some printer manufacturers included a printer description file with their product.

PostScript

A page description language developed by Adobe Systems, Inc. PostScript is used to describe fonts and graphics as well as the layout of pages.

Process color

1. The four-color process of color reproduction, based on cyan, magenta, yellow, and black inks. 2. A color that is defined as percentages of cyan, magenta, yellow, and black.

Process Separation

The process of separating a color or color picture into primary color components for printing, generally cyan, magenta, yellow, and black. Also used to refer to the four pieces of film that result from the process of separating a color image. Also called color separation.

Profile

A collection of information stored in the EfiColor DB directory that describes a particular device or combination of devices used in the printing process. The EfiColor XTension uses the profile to calculate the appropriate values when reproducing a color.

Rendering style

The process of adjusting the colors in an object to maintain the important aspects of that object on a color output device.

RGB

An additive color system typically used to represent color on video screens. RGB stands for Red, Green, Blue, the basic colors of a video screen.

Separation profile

A profile that is appropriate for separation devices, such as imagesetters. These profiles do not have the name of the imagesetter but are named for the inks and papers used in a printing process involving a press. Separation profiles allow users to control Gray Component Replacement (GCR) values.

Spot color

A color that is printed on its own separation plate when separations are specified. A spot color is printed using a special ink for that color, in contrast to process colors that are printed using combinations of cyan, magenta, yellow, and black.

SWOP

Specifications for Web Offset Publications. This standard specifies process ink colors and other printing guidelines necessary to ensure a reasonable color match for periodicals printed at multiple sites.

TIFF

Tagged Image File Format. A standard graphics file format for representing gray-scale and color images. TIFF files can be exchanged among several environments, including Windows and Macintosh.

TRUMATCH

A process color matching system for specifying predictable process colors. The TRUMATCH color system provides predictable four-color (CMYK) matching of more than 2,000 colors.

If you change settings in the EfiColor Preferences dialog box when no document is open, all subsequently created documents will have the new settings automatically. If you change settings when a document is open, only that document's settings will be affected.

If you change settings in the **EfiColor Preferences** dialog box when no document is open, all subsequently created documents will have the new settings automatically. If you change settings when a document is open, only that document's settings will be affected.

If the profile in the **RGB/HSB Colors** drop-down list or the **CMYK Colors** drop-down list is dimmed, the profile is not installed on your computer. Either install the missing profile or change the missing profile to one on your computer. If the Default profiles assigned to the EfiColor Preferences for all new documents is not installed on your computer when you launch QuarkXPress, the EfiColor XTension will not be loaded.

TRUMATCH and FOCOLTONE colors use the SWOP-Coated profile as a default.

PANTONE colors use the LAB profile as a default.

The EfiColor XTension converts colors in RGB and CMYK TIFFs but does not convert colors for EPS and DCS pictures or pictures saved with OPI comments.

If the profile is underlined when you select a picture in the Get Picture dialog box, the picture has been tagged in another application that supports Metric Color Tags. If the profile is underlined but grayed out, the picture has been tagged with a profile not installed on your computer.

Choose Photographic for continuous-tone pictures, such as photographs. Choose Solid Color for pictures with specific color saturation, such as bar charts and logos.

If you choose a picture that is tagged with an EfiColor profile that you do not have in your EfiColor directory, the profile name in the drop-down list is dimmed. You should purchase and install the correct profile.

RGB and HSB colors you create are interpreted based on the default RGB/HSB Colors profile you specify in the EfiColor Preferences dialog box. CMYK colors you create are interpreted based on the default CMYK Colors profile you specify in the EfiColor Preferences dialog box.

TRUMATCH and FOCOLTONE colors use the SWOP-Coated profile as a default.

PANTONE colors use the LAB profile as a default.

If you choose the RGB or HSB color models, the EfiColor XTension provides an outline of the color gamut superimposed over the color wheel. Colors outside the outline are out-of-gamut. If you choose a color model such as PANTONE, TRUMATCH, or FOCOLTONE, the EfiColor XTension displays slash marks through color swatches that will not be printed correctly.

To help you remember whether a color you create is a spot or process color, add "spot" to the names of spot colors and "process" to the names of process colors.

To help you remember the source profile set in the EfiColor Preferences dialog box, enter an abbreviation of the RGB/HSB or CMYK source profile after the color name.

Be sure the printing device you choose in the Use PDF For drop-down list and EfiColor Profile drop-down list is also selected in the Printer area.

If you receive a document for text proofing only, you will probably not want to assign different profiles for the missing ones. You can print without replacing profiles and it will not alter the profiles assigned to pictures and colors.

When you replace profiles assigned to RGB/HSB Colors or CMYK Colors, you also change the default profiles for RGB/HSB Colors and CMYK Colors in the EfiColor Preferences dialog box.

Holding down the ctrl key in the Missing Profiles dialog box changes Show Next to Show First.

When you replace a profile assigned to multiple pictures, the Rendering Style drop-down list may display the term Mixed. Mixed indicates that some pictures use Photographic rendering style and others use Solid Color rendering style. Whatever you choose is applied to all pictures.

Holding down the ctrl key in the Missing Profiles dialog box changes Show Next to Show First.

When you replace a profile assigned to multiple pictures, the Rendering Style drop-down list may display the term Mixed. Mixed indicates that some pictures use Photographic rendering style and others use Solid Color rendering style. Whatever you choose is applied to all pictures.

This would be the definition for the glossary term you clicked on.

