

Color Mapping

Eight simple color mapping schemes have been implemented in ***Hyperupic***. 24-bit **TIFF** images represent a single pixel as a three byte or three channel (***Red, Green, Blue***) grouping. ***Hyperupic*** indexes a mapping function with the sum of user-selected color channels to obtain an amplitude value to pair with a sound frequency. ***Hyperupic*** allows you to select from the eight combinations (sans the empty set) that the ***RGB*** set allows:

Red,Green,Blue

Red

Green
Blue
Red,Blue
Red,Green
Green,Blue

These color mapping functions will act homogenously on gray-scale images. More exotic color mappings (including weights) may be explored in future releases.