Images and Hardware

University of California Riverside
Raster image
Human vision

- Eye contains three types of cells ("cones")
- Sensitive to red, green, and blue
- Other colors seen as mixtures of these

Image source: [1]
Color representation

Additive RGB

Subtractive CYMK
Human vision

- RGB cannot represent everything

Image source: [2]
Raster devices
Raster display

Red  Green  Blue

60 x Magnification

White  Yellow  Image

60 x Magnification