Primary Colors

Trichromatic theory of color:

17 century, the perception of any color can be represented by just three variables

Additive color system (video system): RGB "additive" means they reproduce colors by adding colored light sources

Subtractive color system (painting and printing):
magenta, cyan, and yellow (incorrectly) by RBY
modify the light reflected from white paper by absorbing
(subtracting) certain colors

23



