

1. The subtractive primaries is CMY. The inks or toners act as filters absorbing light being reflected from the paper.
2. Additive primaries is RGB. taken together in even proportions, they produce white light.
3. Metamerism- when two color samples are perceived to be identical under some, but not all, lighting conditions. So, a catalog picture that you view under fluorescent light looks different when you bring in home and view in under your home lighting conditions.
4. RGB color space is larger.
5. The three principal color elements are, hue, value, and chroma, express the various color tones
6. Definition of: color gamut. ;The entire range of colors available on a particular device such as a monitor or printer.
7. Without light, there are no wavelength; without objects there would be only white, unmodified light; and without the viewer there would be no sensory response that would recognise the wavelength has a unique color.
8. Warm colors are Reds, Oranges, and Yellows. Cool are like Purples, Blues, and Greens.
9. sRGB is a standard RGB color space used on the web.

10. The surrounding color affects perception of another color because of the way the colors look when they are next to each other.

11. No, we do not see color all the same way.

12. Paper plays a role in color reproduction in printing because its optical and surface properties impact how light is reflected and therefore how colour and tonal values appear when printed.

13. Yes, there are some colors that can't be reproduced on the web in print.

14. The Pantone Matching System (PMS) is a proprietary colour space used in many industries,

15. The aim of color calibration is to measure and adjust the color response of a device (input or output) to a known state.

16. The main difference between colorimeter and spectrophotometer is that colorimeter is a device which measures absorbance of specific colours, whereas a spectrometer measures transmittance or reflectance as a function of wavelength.

17. ICC profile is a set of data that characterizes a color input or output device, or a color space.