

## Color Theory Quiz KEY

Choose the best answer to the following questions:

- 1) Color is created by:
  - 2) a. Light waves bouncing off or being absorbed by objects
  - 3) b. The absence of light
  - 4) c. The reflection of the sun on the earth
  - 5) d. Adding paint to an object
  
- 1) \_\_\_\_\_ created the original color wheel.
  - 2) a. Ben Franklin
  - 3) b. Johannes Itten
  - 4) c. Isaac Newton
  - 5) d. Munsell
  
- 1) The measurement of color using fractions is:
  - 2) a. HSB
  - 3) b. Munsell's HVC color system
  - 4) c. Pantone color system
  - 5) d. RGB Additive color
  
- 1) A \_\_\_\_\_ is 100% of a color.
  - 2) a. tint
  - 3) b. shade
  - 4) c. hue
  - 5) d. tone
  
- 1) The primary colors are:
  - 2) a. red, yellow, blue
  - 3) b. red, green, blue
  - 4) c. green, orange, blue
  - 5) d. cyan, magenta, yellow and black
  
- 1)
  - 2) Tertiary colors are made by mixing:
  - 3) a. 2 primary colors
  - 4) b. a color with black

- 5) c. a primary and a secondary color
- 6) d. 2 secondary colors

- 1) A \_\_\_\_\_ is made by mixing a color with white.
- 2) a. shade
  - 3) b. tint
  - 4) c. tone
  - 5) d. hue

- 1) A \_\_\_\_\_ is made by mixing a color with black
- 2) a. shade
  - b. tint
  - 1. c. tone
  - 2. d. hue

- 1) A \_\_\_\_\_ is made by mixing a color with gray.
- 2) a. shade
  - 3) b. tint
  - 4) c. tone
  - 5) d. hue

- 1) The color theory that says Red, Green and Blue added together makes white light, which is what we see on a computer's monitor is called \_\_\_\_\_.
- 2) a. subtractive color
  - 3) b. pantone color
  - 4) c. additive color
  - 5) d. complimentary color

- 1) The color theory that says Cyan, Magenta, Yellow and Black subtract white light, which is used with printing presses is called \_\_\_\_\_.
- a. subtractive color
  - b. pantone color
  - 1. c. additive color
  - 2. d. complimentary color
  - 3.

- 1) This color system is used for choosing spot ink colors and is characterized by color books of swatches:

- 2) a. HVC color system
- 3) b. RGB color system
- 4) c. Color picker
- 5) d. Pantone Color system

1) The inability to see some colors correctly is called:

- 2) a. vision fatigue
- 3) b. color blindness
- 4) c. color imperfection
- 5) d. farsightedness
- 6)

MATCH THE COLOR SCHEME WITH IT'S DESCRIPTION:

Monochromatic	Analogous
Complimentary	Warm
Cool	Triadic
Split complimentary	

1. 14) triadic colors in triangle of each other on color wheel such as Red, Yellow, Blue
2. 15) monochromatic Any combination of tints, shades and tones of the same color
3. 16) split complimentary one across color wheel, and 2 next to each other on the other side
4. 17) cool violet to yellow green on color wheel
5. 18) analogous three colors side by side on the color wheel
6. 19) complimentary Colors opposite each other on the color wheel
7. 20) warm yellow to red-violet on color wheel

1)

2) WRITE A SHORT DESCRIPTION OF ITTEN'S COLOR CONTRASTS(1pt each):

3)

4) 21) Contrast of hue Using 100% of hues to create a composition. The boldest of these is red, yellow & blue

5)

6) 22) Contrast of Light & Dark Dark colors come forward and lights recede or vice versa. Black and White. Most dramatic of the contrasts. Can be accomplished using light and dark colors.

7)

8) Contrast of Compliments \_\_\_\_ Composition using complimentary colors which are opposites on the color wheel. \_\_\_\_\_

1) Contrast of Warm & Cool \_\_\_\_ Using colors ranging from yellow to red violet on the color wheel, contrasting with colors ranging from violet to yellow green. \_\_\_\_\_

2)

3) Simultaneous Contrast \_\_\_\_ The simultaneous contrast is formed when the boundaries between colors perceptually vibrate. Some interesting illusions are accomplished with this contrast. Using 100% of complimentary colors with gray will make this happen.

4)

5)

6) Contrast of Saturation \_\_\_\_ Contrast of a hue with more or less gray mixed with it. \_\_\_\_\_

7)

8) Contrast of Proportion \_\_\_\_ Using a color's visual weight to create contrast, for example a large area of light blue with a small area of bright red. \_\_\_\_\_

1.

1.

1)