VALUE

Value is the infinite reange from lightness to darkness
through any neutral or color. In the white to black
range the values are shown in greys, each one becoming
successively darker. Full intense colors have their
own normal values. Yellow is the color lightest in value,
violet the darkest. Across the color wheel yellow orange
and yellow green are approximately the same in value. The
same is true of red and blue. The normal value of a
color can be changed by adding white to lighten it or
black to darken it. Changing its value this way will also make it less
intense because less pure pigment remains. Colors close
together in value tend to vabrate when placed next to
each other. The eye may seem to see a third color along
the line where they join.

COLOR

We see color only because surfaces reflect certain light rays and absorb others; that is, we see green when the surface reflects only the green light rays from the sun and absorbs all the others. Our eye is able to detect a color spectrum or rainbow that ranges from ultra violet to infra red. Here the color band is formed into a circle with yealow at the top. On both sides of the wheel the colors become increasingly dark to violet which is the deepest in value.

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