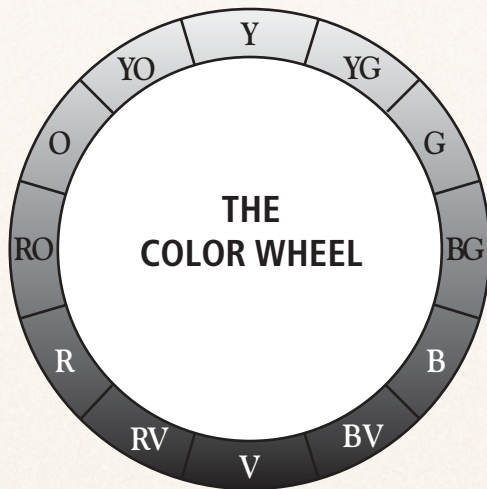


The Science of Color *(Continued from front)*

* Low viscosity, semi-transparent oil-based stains should not be tinted with universal (glycol-type) tint colors unless the oil product has been formulated with a special wetting agent or surfactant to accept these colorants. Universal colorants which are not properly dispersed may cause color streaking when the products are applied.

* Low-end, oil-based, white stains with high levels of extender pigments (fillers) such as talc should not be tinted to pastel shades. They may prematurely fade or chalk, causing a loss of color.

Premium quality paints and stains which use the finest, purest ingredients will perform better, hold their color and fade less. Quality may cost more initially; however, the labor involved in surface preparation and product application is the largest cost. Staining with high quality products will be less frequent and much more cost effective.



The **primary colors** are red, yellow and blue.

The **secondary colors** are green, orange and violet and are placed between the primaries on the color wheel.

The **intermediate colors** are positioned between the appropriate primary and secondary colors on the color wheel. They are: yellow-orange, red-orange, red-violet, yellow-green, blue-green and blue-violet.

The Elements of Color

- **True Complements** are colors which are directly opposite from each other on the color wheel
- **Split Complements** are the colors on either side of a color's true complement
- **Alternate Complements** are colors which are two steps away from a color's true complement
- Red, red-orange, orange, yellow-orange, yellow and yellow-green are considered **Warm Colors**
- Green, blue-green, blue, blue-violet, violet and red-violet are considered **Cool Colors**
- **Neutrals** are almost non-colors — grays, black, white, browns and beiges
- **Light Colors** reflect light and appear to enlarge an object or area
- **Dark Colors** absorb light and have the opposite effect



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