





































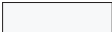





















TCS Color Match System©

www.gotcs.com






















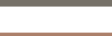











Winsor & Newton® Artists Oil Color Conversions To Genesis® Artist Colors©

TCS® #	Winsor/Newton Artist Oil	Genesis Artist Color
RE-6-2-9	 Alizarin Crimson	Quinacridone Crimson + Genesis Red 1:1
YE-3-1-3	 Bismuth Yellow	Bismuth Yellow + Yellow White 1:T
BK-5-1-8	 Black (Ivory)	Carbon Black + Gray 06 2:1
BK-5-1-9	 Black (Lamp)	Black (Carbon) 01
BK-4-1-9	 Black (Mars)	Black (Mars)
BL-5-4-9	 Blue Black	Carbon Black + Ultramarine Blue 2:1
RE-5-1-4	 Bright Red	Genesis Red
BR-6-2-9	 Brown Madder	Flesh 03 + Quinacridone Crimson 01 4:1
BR-5-1-5	 Brown Madder Alizarin (Disc.)	Burnt Umber Light
OR-4-7-4	 Brown Ochre	Yellow Ochre + Pyrrole Orange 05 1:T
BR-6-2-5	 Burnt Sienna	Burnt Sienna + Red Oxide 1:T
BR-7-5-8	 Burnt Umber	Flesh 02
GR-7-2-5	 Cadmium Green (Disc.)	Permanent Green 05 + Bismuth Yellow 2:1
YG-8-2-2	 Cadmium Green Pale	Bismuth Yellow + Permanent Green 06 + White 1:T:T
YE-4-1-4	 Cadmium Lemon	Bismuth Yellow + Yellow White 1:1
OR-5-1-5	 Cadmium Orange	Genesis Orange
RE-6-2-6	 Cadmium Red	Genesis Red + Quinacridone Crimson 01 1:T
RE-6-2-8	 Cadmium Red Deep	Genesis Red + Pyrrole Red 02 + White 2:1:T
RO-7-1-6	 Cadmium Scarlet	Pyrrole Red 04 + Pyrrole Orange 04 3:1
YO-5-2-4	 Cadmium Yellow	Diarylide Yellow + Yellow White 3:2
YO-6-1-5	 Cadmium Yellow Deep	Diarylide Yellow
YE-4-1-5	 Cadmium Yellow Pale	Bismuth Yellow + Diarylide Yellow 5:1
BG-1-3-8	 Cerulean Blue	Gray 06 + Phthalo Blue 04 3:1
BK-6-2-9	 Charcoal Grey	Gray 02
GR-5-4-7	 Chrome Green Deep Hue	Permanent Green 04 + Flesh 03 3:1
YE-5-1-6	 Chrome Yellow Hue	Genesis Yellow
BL-6-1-8	 Cobalt Blue	Phthalo Blue 02

























Complementary Trial of TCS On-Line: www.gotcs.net

TCS #	Winsor/Newton Artist Oil	Genesis Artist Color
BL-6-1-9	 Cobalt Blue Deep	Phthalo Blue 01
BG-9-6-9	 Cobalt Chromite Green	Phthalo Green 03 + Flesh 03 + Gray 06 3:1:T
BG-7-1-3	 Cobalt Green	Phthalo Green 07 + Flesh 07 3:1
BG-9-6-8	 Cobalt Green Deep (D)	Gray 05 + Permanent Green 04 1:T
BG-4-2-8	 Cobalt Turquoise	Viridian Blue 01
BG-4-1-4	 Cobalt Turquoise Light	Phthalo Green 07 + Phthalo Blue 07 2:1
RV-5-2-7	 Cobalt Violet	Quin. Magenta 01 + Dioxazine Purple 01 + White 1:T:T
RV-9-2-8	 Cobalt Violet Dark (D)	Diox. Purple 01 + Quinacridone Magenta 01 + White 2:1:T
YG-9-9-3	 Davy's Gray	Yellow Ochre + White + Phthalo Blue 02 1:1:T
WH-5-1-2	 Flake White Hue	Flake White
RO-5-3-3	 Flesh Tint	Pyrrole Orange Yellow 07 + Flesh 08 + Diarylide Yellow 3:3:T
BL-5-1-6	 French Ultramarine	Cobalt Blue
BR-2-5-8	 Gold Ochre	Yellow Ochre + Raw Umber 6:1
YE-1-2-5	 Green Gold	Genesis Yellow + Diarylide Yellow + Sap Green 1:1:T
BL-5-1-9	 Indanthrene Blue	Ultramarine Blue + Gray 02 4:1
RE-4-6-5	 Indian Red	Red Oxide
YO-5-1-4	 Indian Yellow	Diarylide Yellow + Pyrrole Orange 04 10:1
YE-6-2-6	 Indian Yellow Deep or Aureolin (D)	Diarylide Yellow + Genesis Yellow + Dioxazine Purple 08 2:2:1
BL-5-2-9	 Indigo	Payne's Gray
OR-3-1-4	 Jaune Brillant	Pyr.. Orange Yellow 08 + Diarylide Yellow + Phth. Blue 08 1:T:T
YE-2-4-2	 Lemon Yellow Hue	Yellow White + Dioxazine Purple 08 1:T
RO-7-4-7	 Light Red (New3)	Pyrrole Red 03 + Red Oxide + Pyrrole Orange 04 2:1:T
RV-2-4-8	 Magenta	Pyr. Red 02 + Phthalo Green 03 + Quinacridone Magenta 01 1:T:T
BR-6-2-6	 Mars Brown (D)	Burnt Sienna
RO-5-4-5	 Mars Orange (D)	Pyrrole Orange 04 + Phthalo Blue 06 + White 1:T:T
RE-4-6-7	 Mars Violet (D)	Flesh 04 + Pyrrole Red 05 3:1
RE-5-5-8	 Mars Violet Deep	Flesh 06 + Quinacridone Crimson 01 + Pyrrole Red 02 1:T:T
YE-6-4-5	 Mars Yellow (D)	Yellow Ochre + Diarylide Yellow 3:1
VI-5-1-9	 Mauve (Blue Shade)	Dioxazine Purple 01
YE-6-4-4	 Naples Yellow	Yellow Ochre + Diarylide Yellow + Pyrrole Orange 04 1:1:T
YE-6-4-6	 Naples Yellow Deep	Bismuth Yellow + Yellow Ochre + Genesis Red 4:1:1

Learn more on our Color Solutions Support Page: www.gotcs.net

TCS #	Winsor/Newton Artist Oil	Genesis Artist Color
YE-6-2-2	 Naples Yellow Light	White + Yellow White + Genesis Yellow 3:1:T
YG-9-8-7	 Olive Green	Diarylide Yellow + Black 4:1
GR-3-5-7	 Oxide of Chromium	Permanent Green 04 + Flesh 02 2:1
BL-4-9-9	 Payne's Gray	Gray 03 + Phthalo Blue 01 1:T
RV-1-2-8	 Permanent Alizarin Crimson	Pyrrole Red 02 + Quinacridone Magenta 06 3:1
RE-6-2-7	 Permanent Carmine or Carmine (D)	Genesis Red + Quinacridone Crimson 01 4:1
GR-3-2-4	 Permanent Green	Permanent Green 05
BG-8-2-8	 Permanent Green Deep	Phthalo Green 02
GR-6-2-5	 Permanent Green Light	Permanent Green 04 + Flesh 03 3:1
RV-2-4-7	 Permanent Magenta	Quinacridone Magenta 05 + Pyrrole Red 04 1:T
RV-5-8-9	 Permanent Mauve	Quinacridone Crimson 01 + Gray 04 4:1
RV-1-2-5	 Permanent Rose	Quinacridone Magenta 07 + Pyrrole Red 03 1:1
GR-5-3-9	 Perylene Black	Black + Permanent Green 04 + Gray 03 2:1:T
BG-4-1-8	 Phthalo Turquoise	Viridian Blue 01 + Phthalo Blue 01 1:T
BL-7-2-8	 Prussian Blue	Phthalo Blue 01 + Phthalo Green 01 1:T
GR-3-6-8	 Prussian Green	Viridian Blue 02 + Flesh 04 3:1
RE-7-2-9	 Purple Lake	Quinacridone Crimson 01
RV-3-2-8	 Purple Madder Alizarin (D)	Quinacridone Magenta 01 + Gray 05 3:1
RV-1-2-7	 Quinacridone Magenta	Flesh 04 + Quinacridone Crimson 01 1:T
RE-4-1-5	 Quinacridone Red	Pyrrole Red 04
BR-1-2-5	 Raw Sienna	Raw Sienna
BR-8-5-7	 Raw Umber	Raw Umber + Burnt Umber 1:T
BR-8-6-8	 Raw Umber (Green Shade)	Raw Umber
BR-2-2-7	 Raw Umber Light	Flesh 03 + Yellow Ochre + Pyrrole Orange 04 3:1:T
RO-5-3-4	 Rose Dore	Pyrrole Orange Yellow 07 + Flesh 07 + Diarylide Yellow 3:1:T
RE-4-3-8	 Rose Madder Deep (D)	Pyrrole Red 02 + White + Genesis Red 1:1:T
RE-4-3-6	 Rose Madder Genuine	Pyrrole Red 06 + Flesh 07 1:T
YG-3-2-6	 Sap Green	Permanent Green 04 + Flesh 04 2:1
RO-5-1-7	 Scarlet Lake	Pyrrole Orange 04
RO-5-4-7	 Terra Rosa	Red Oxide + Pyrrole Orange 04 2:1
GR-5-4-6	 Terre Verte	Yellow Ochre + Phthalo Green 04 + Gray 07 2:1:1
BR-6-1-5	 Transparent Brown Oxide	Yellow Ochre + Pyrrole Orange 04 + Burnt Sienna 6:1:T
YO-2-1-3	 Transparent Gold Ochre	Yellow Ochre + Red Oxide 1:T

Try it FREE! Color Conversions for 34 Featured Brands at www.gotcs.net

TCS #	Winsor/Newton Artist Oil	Genesis Artist Color
RE-6-4-9	 Transparent Maroon	Pyrrole Red 02
RO-5-4-4	 Transparent Red Ochre	Pyrrole Orange 04 + Phthalo Blue 06 + Diarylide Yellow 1:T:T
YE-5-2-3	 Transparent Yellow	Bismuth Yellow + White + Diarylide Yellow 10:8:T
BL-6-1-6	 Ultramarine Green Shade	Phthalo Blue 04
VI-5-3-7	 Ultramarine Violet	White + Dioxazine Purple 01 1:T
BR-7-6-9	 Vandyke Brown	Burnt Umber
OR-4-7-9	 Venetian Red	Flesh 03 + Pyrrole Red 04 4:1
RE-4-1-6	 Vermilion Hue (D)	Pyrrole Red 03
BG-5-1-6	 Viridian	Phthalo Green 04 + Phthalo Blue 04 1:T
WH-5-1-1	 White (Titanium)	White (Titanium)
BL-6-1-7	 Winsor Blue Green Shade	Phthalo Blue 03
BL-5-1-5	 Winsor Blue Red Shade	Ultramarine Blue
BG-7-1-6	 Winsor Emerald	Phthalo Green 04 + Phthalo Blue 05 6:1
BG-9-1-8	 Winsor Green	Phthalo Green 01 + Viridian Blue 01 1:T
GR-3-3-5	 Winsor Green (Yellow Shade)	Permanent Green 04
YE-5-1-5	 Winsor Lemon	Bismuth Yellow 07
RO-5-1-4	 Winsor Orange	Diarylide Yellow + Pyrrole Orange 04 2:1
RO-5-1-8	 Winsor Red	Pyrrole Orange 04 + Pyrrole Red 04 + Red Oxide 2:1:T
RE-5-1-6	 Winsor Red Deep	Genesis Red + Pyrrole Red 02 + Pyrrole Red 08 2:1:T
VI-5-1-7	 Winsor Violet (Dioxazine)	Dioxazine Purple 03
YE-6-2-4	 Winsor Yellow	Yellow White + Diarylide Yellow 5:1
YE-6-4-8	 Yellow Ochre	Yellow Ochre + Burnt Sienna 1:T
YE-5-5-5	 Yellow Ochre Light	Yellow Ochre + White + Bismuth Yellow 2:1:1
YE-6-4-7	 Yellow Ochre Pale	Yellow Ochre + Diarylide Yellow 2:1

Important Information

The first number in the ratio refers to the first color in the mix, the second refers to the second, and so on. T in the mixing ratio means just a touch of this color. (D) after a color name indicates it is Discontinued.

The printed color is a representation of the actual paint and we cannot guarantee color accuracy.

Additional copies of this TCS Color Conversion Chart are available in an Adobe PDF Format at

www.gotcs.net

Winsor & Newton® Artists Oils
ColArt Americas, Inc. Reg. Trademark

Genesis® Artist Colors
American Art Clay Co., Inc. Reg. Trademark

Learn to Use the TCS Number: Color Family-Hue-Clarity-Value

The individual TCS number assigned to a color identifies the following:

TCS # BL-5-7-4
Color Family Hue Clarity Value

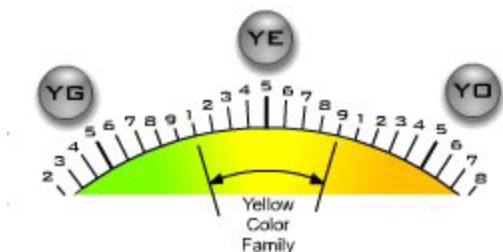
COLOR FAMILY

Two alpha characters which identify the color family of the color—YE (Yellow), YO (Yellow Orange), etc.



COLOR HUE

This indicates the position of a color in its color family. Each color family is segmented into nine parts. Reading clockwise from 1 (which is closer to the color on the color wheel before it) to 9 (closer to the family listed after it) with 5 being closest to the pure color of that family. Example: A yellow #8 (YE-8) would be much closer to yellow orange or a yellow with an orange cast, and a yellow #3 (YE-3) would be a yellow with a touch of green (closer to yellow green).



COLOR CLARITY

Color clarity or intensity is identified with 1 being a very bright, clear color to 9 being a very grayed color. Adding a small amount of the complement color to a bright color will gray or mud the color. The exact opposite color on the color wheel is the complementary color: i.e., red is the complement of green. When two colors are in the same color family, with the same hue but the clarity (second number) of one is much higher than the other, note the variance in clarity of the colors:



TCS #BL-5-2-4



TCS #BL-5-7-4

COLOR VALUE

This again segmented into nine different sections to describe the relative position of the color on a gray scale where 1 is a light/pastel color and 9 is very dark. Example: White is a 1 and Black is a 9.



So, a color identified as BL-5-7-4 would indicate the color is in the blue family (BL), is a pure hue with no violet or green tones (5); is quite grayed (7); and is slightly lighter than a medium value (4). (See page 50 for all six brands of this color.)



TCS #BL-5-7-4

Try it FREE! Color Conversions for 34 Featured Brands at www.gotcs.net