

Converting Colors

YUV(93.8980, -45.3057,
64.9875)

Have a look what the booklet for
YUV(93.8980, -45.3057, 64.9875)
contains.

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Color

**YUV(93.8980, -45.3057,
64.9875)**

Conversions

Conversions Part 1

Format	Color
Hex	A84A02
RGB	168, 74, 2
RGB Percent	66%, 29%, 1%
CMY	0.3412, 0.7098, 0.9922
CMYK	0.00, 0.56, 0.99, 0.34
HSL	26°, 98%, 33%
HSV	26°, 99%, 66%
XYZ	18.6082, 13.2268, 1.6297
YIQ	93.8980, 79.1360, -2.4640

Conversions

Conversions Part 2

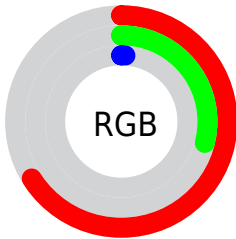
Format	Color
R_{YB}	168, 129, 2
Decimal	11028994
CIE Lab	43.10, 35.58, 52.61
CIE LCh	43, 63.512, 55.934
Yxy	13.2268, 0.5561, 0.3952
Android (android.graphics.Color)	4289219074 (0xFFA84A02)
YUV	93.8980, -45.3057, 64.9875
Hunter-Lab	36.3686, 27.6853, 22.8012

Details

The YUV color **93.8980, -45.3057, 64.9875** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **76.1020, 45.3057, -64.9875**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7570, -44.7432, 71.2501**, and **46.3800, -22.8653, 54.0407** is the 20% darker color. If you saturate the color by 10%, you get **93.0830, -45.8899, 65.7022**, and if you desaturate by 10%, it is **101.7060, -40.7741, 58.1398**.

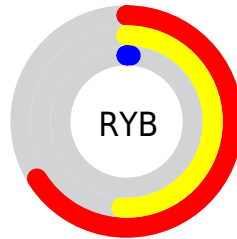
Distribution



Red (66%)

Green (29%)

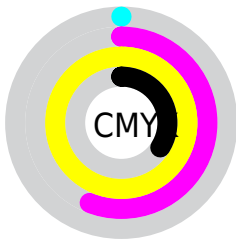
Blue (1%)



Red (66%)

Yellow (51%)

Blue (1%)

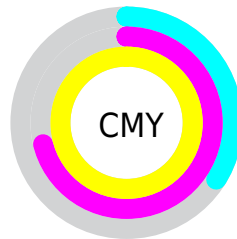


Cyan (0%)

Magenta (56%)

Yellow (99%)

Black (34%)



Cyan (34%)


Magenta (71%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 93.8980, -45.3057, 64.9875 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 93.8980, -45.3057, 64.9875 by changing the saturation by 10% instead.


 93.8980, -45.3057,
64.9875


 93.8980, -45.3057,
64.9875


 254.0880, -3.4944,
0.7998

 70.0250, -34.5223,
59.6141


 148.7570,
-44.7432, 71.2501


 46.3800, -22.8653,
54.0407


 174.3440,
-45.0326, 70.7353


 23.6210, -11.6452,
48.5674

 193.7440,
-41.7788, 53.7215

 15.8470, -7.8126,
32.5832

 213.1440,
-38.5250, 36.7077


 4.4850, -2.2111,
9.2217


 232.6580,
-34.8344, 19.5939


 0.0000, 0.0000,
0.0000


 247.5900,


-28.3919, 6.4986


 250.7820,
-16.1615, 3.6992

 93.8980, -45.3057,
64.9875


 93.8980, -45.3057,
64.9875


 93.0830, -45.8899,
65.7022

 101.7060,
-40.7741, 58.1398

 108.9270,
-35.9530, 51.8070

 116.6210,
-31.8582, 45.0594

 123.8420,
-27.0371, 38.7266

 131.6500,
-22.5054, 31.8790

■ 138.8710,
-17.6844, 25.5461

■ 146.6790,
-13.1527, 18.6985

■ 153.7860, -8.7685,
12.4657

■ 161.5940, -4.2368,
5.6181

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.5380, -15.5482, 87.2282



93.8980, -45.3057, 64.9875



95.8090, -47.2338, 29.9855

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.8980, -45.3057, 64.9875



83.3900, 4.7377, -73.1330



99.7950, 47.9221, -17.3602

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93.8980, -45.3057, 64.9875



76.1020, 45.3057, -64.9875

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8690, 58.7316, -77.9381



93.8980, -45.3057, 64.9875



90.1330, 28.0354, -79.0466

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.8980, -45.3057, 64.9875



74.6580, -18.5654, -65.4751



92.5730, 47.5385, -81.1865



101.8050, 29.6761, 48.4060

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.8980, -45.3057, 64.9875



92.6980, -45.7001, 4.6499



92.5730, 47.5385, -81.1865



81.3690, 60.4571, -71.3606

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93.8980, -45.3057, 64.9875



189.8710, -17.6844, 25.5461



62.3500, 16.5894, 92.6551



91.9390, -10.8159, 15.8395



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.8980, -45.3057, 64.9875



121.2460, -59.7743, 85.7303



142.6190, -69.3252, 22.2591



80.1530, -2.0474, 3.3738



81.8200, -40.3373, 58.0399



11.2630, -5.5527, 7.6623

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.1020, 45.3057, -64.9875



97.7540, 59.7743, -85.7303



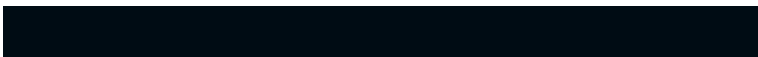
27.3810, 69.3252, -22.2591



79.8470, 2.0474, -3.3738



66.1800, 40.3373, -58.0399



9.3240, 5.2633, -8.1771

Previews

White Background



This preview shows how the YUV color 93.8980, -45.3057, 64.9875 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 93.8980, -45.3057, 64.9875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.8980, -45.3057, 64.9875

Background



This preview shows how black text looks on a background with the YUV color 93.8980, -45.3057, 64.9875.



This preview shows how white text looks on a background with the YUV color 93.8980, -45.3057,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

93.8980, -45.3057, 64.9875

Protanopia

96.9690, -39.9177, 16.6902

Deuteranopia

95.8090, -47.2338, 29.9855



Tritanopia

99.6550, -13.1409, 61.6926

Trichromacy



Original Color

93.8980, -45.3057, 64.9875

Protanomaly

95.6230, -41.7191, 34.5336

Deuteranomaly

95.4130, -46.5456, 42.6108

Tritanomaly

97.5660, -24.9290, 62.6476

Monochromacy



Original Color

93.8980, -45.3057, 64.9875

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2020, -16.3686, 23.5018

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8980, -45.3057, 64.9875 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 74, 2)` looks like.

```
.text, #text, p{  
    color:rgb(168, 74, 2)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 74, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 74, 2) }
```

Border

The CSS property to change the border of an element to YUV 93.8980, -45.3057, 64.9875 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 74, 2) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(168, 74, 2) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(168, 74, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 74, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 74, 2);  
box-shadow:4px 4px 4px 4px rgb(168, 74, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 93.8980, -45.3057, 64.9875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 74, 2) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168, 74,  
2) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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