

Converting Colors

YUV(119.0430, -58.6882,
63.9833)

Have a look what the booklet for
YUV(119.0430, -58.6882, 63.9833)
contains.

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Color

**YUV(119.0430, -58.6882,
63.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	C06900
RGB	192, 105, 0
RGB Percent	75%, 41%, 0%
CMY	0.2471, 0.5882, 1.0000
CMYK	0.00, 0.45, 1.00, 0.25
HSL	33°, 100%, 38%
HSV	33°, 100%, 75%
XYZ	26.7898, 21.3096, 2.7012
YIQ	119.0430, 85.5570, -14.2110

Conversions

Conversions Part 2

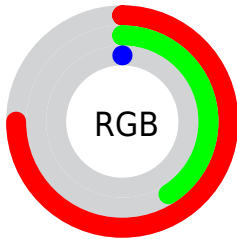
Format	Color
R_{YB}	159, 192, 0
Decimal	12609792
CIE _{Lab}	53.29, 29.18, 61.13
CIE _{LCh}	53, 67.736, 64.483
Yxy	21.3096, 0.5274, 0.4195
Android (android.graphics.Color)	4290799872 (0xFFC06900)
YUV	119.0430, -58.6882, 63.9833
Hunter-Lab	46.1623, 22.8064, 28.8443

Details

The YUV color **119.0430, -58.6882, 63.9833** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **72.9570, 58.6882, -63.9833**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4010, -54.9207, 68.9313**, and **72.3400, -35.6636, 52.3218** is the 20% darker color. If you saturate the color by 10%, you get **119.0430, -58.6882, 63.9833**, and if you desaturate by 10%, it is **126.4920, -52.9936, 57.4505**.

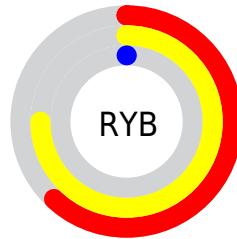
Distribution



Red (75%)

Green (41%)

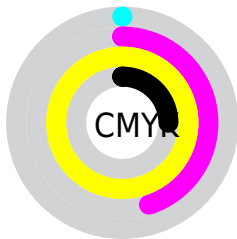
Blue (0%)



Red (62%)

Yellow (75%)

Blue (0%)

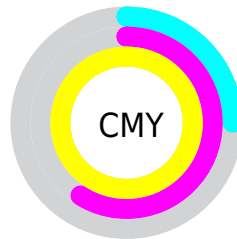


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (59%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0430, -58.6882, 63.9833 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 119.0430, -58.6882, 63.9833 by changing the saturation by 10% instead.

■ 119.0430,
-58.6882, 63.9833

■ 119.0430,
-58.6882, 63.9833

■ 255.0000, 0.0000,
0.0000

■ 95.0990, -46.8838,
57.7952

■ 175.4010,
-54.9207, 68.9313

■ 72.3400, -35.6636,
52.3218

■ 194.6270,
-51.0881, 52.9471

■ 49.8690, -24.5854,
45.7189

■ 214.0270,
-47.8343, 35.9333

■ 26.8220, -13.2232,
41.3751

■ 233.5410,
-44.1437, 18.8195

■ 14.3520, -7.0755,
29.5093

■ 245.5380,
-36.2542, 8.2982

■ 0.2990, -0.1474,
0.6148


■ 248.7300,


■ 0.0000, 0.0000,


-24.0239, 5.4988


0.0000

 252.0360,
-11.3567, 2.5994


 119.0430,
-58.6882, 63.9833

 126.4920,
-52.9936, 57.4505

 133.3540,
-47.0095, 51.4325

 140.9170,
-40.8781, 44.7998

 148.3660,
-35.1834, 38.2670

 155.8150,
-29.4888, 31.7342

■ 162.6770,
-23.5048, 25.7163

■ 170.1260,
-17.8101, 19.1835

■ 177.6890,
-11.6787, 12.5507

■ 184.5510, -5.6946,
6.5328

Harmonies

Analogous

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



118.9870, -26.6156, 90.3424



119.0430, -58.6882, 63.9833



118.4910, -58.4161, 23.2484

Triad

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



119.0430, -58.6882, 63.9833



105.2010, 14.6909, -92.2613



129.3080, 46.6832, 6.7459

Complementary

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



119.0430, -58.6882, 63.9833



72.9570, 58.6882, -63.9833

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.



105.4140, 68.8159, -92.4481



119.0430, -58.6882, 63.9833



111.6990, 39.5884, -97.9600

Square

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



119.0430, -58.6882, 63.9833



96.4860, -11.0856, -84.6182



112.2640, 59.5228, -98.4555



126.3020, 25.9801, 67.2641

Rectangle

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



119.0430, -58.6882, 63.9833



112.9990, -55.7085, -5.2611



112.2640, 59.5228, -98.4555



125.2550, 53.6113, -22.1486

Sweetspot

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



119.0430, -58.6882, 63.9833



221.4920, -22.9206, 25.0015



67.6680, 11.0097, 109.0392



108.1300, -13.8681, 14.7950



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



119.0430, -58.6882, 63.9833



155.1690, -76.4983, 83.1668



168.3180, -82.9808, 15.5071



93.5120, -3.2104, 3.0590



99.7950, -49.1989, 53.6768



20.4330, -10.0735, 11.0213

Inverse Universe

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



72.9570, 58.6882, -63.9833



94.8310, 76.4983, -83.1668



23.6820, 82.9808, -15.5071



91.0750, 2.9210, -3.5738



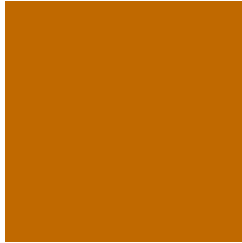
61.2050, 49.1989, -53.6768



12.5670, 10.0735, -11.0213

Previews

White Background



This preview shows how the YUV color 119.0430, -58.6882, 63.9833 looks on a white background.

Color Contrast Check

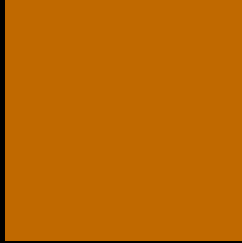
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 119.0430, -58.6882, 63.9833 looks on a black 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

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

YUV 119.0430, -58.6882, 63.9833

Background



This preview shows how black text looks on a background with the YUV color 119.0430, -58.6882, 63.9833.



This preview shows how white text looks on a background with the YUV color 119.0430, -58.6882, 63.9833.

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



Protanopia

120.0160, -51.2799, 21.0340

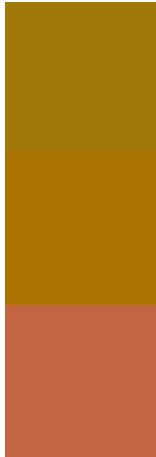
Deuteranopia

119.4650, -58.8962, 37.3032

Tritanopia

128.1000, -11.3883, 59.5483

Trichromacy



Protanomaly

119.7190, -54.0915, 36.2034

Deuteranomaly

119.2320, -58.7814, 47.1545

Tritanomaly

125.2300, -28.7074, 61.1883

Monochromacy



Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2360, -21.3153, 23.4720

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0430, -58.6882, 63.9833 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(192, 105, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 105, 0)  
}
```

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(192, 105, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 105, 0) }
```

Border

The CSS property to change the border of an element to YUV 119.0430, -58.6882, 63.9833 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(192, 105, 0) }
```

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

```
.border{ border-color:rgb(192, 105, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 105, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 105, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 105, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 105,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 119.0430, -58.6882, 63.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 105, 0) }
```

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

```
.background{ background-color: rgb(192,  
105, 0) }
```

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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