

Converting Colors

YUV(119.6300, -58.9776,
63.4685)

Have a look what the booklet for
YUV(119.6300, -58.9776, 63.4685)
contains.

YUV(119.6300, -58.9776, 63.4685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(119.6300, -58.9776,
63.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	C06A00
RGB	192, 106, 0
RGB Percent	75%, 42%, 0%
CMY	0.2471, 0.5843, 1.0000
CMYK	0.00, 0.45, 1.00, 0.25
HSL	33°, 100%, 38%
HSV	33°, 100%, 75%
XYZ	26.8923, 21.5145, 2.7353
YIQ	119.6300, 85.2820, -14.7340

Conversions

Conversions Part 2

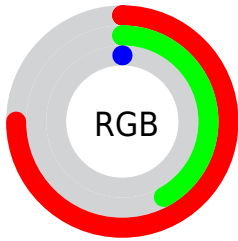
Format	Color
RYB	156, 192, 0
Decimal	12610048
CIELab	53.51, 28.64, 61.27
CIELCh	54, 67.631, 64.944
Yxy	21.5145, 0.5258, 0.4207
Android (android.graphics.Color)	4290800128 (0xFFC06A00)
YUV	119.6300, -58.9776, 63.4685
Hunter-Lab	46.3838, 22.3187, 28.9722

Details

The YUV color **119.6300, -58.9776, 63.4685** 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 **72.3700, 58.9776, -63.4685**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1020, -54.7733, 68.3165**, and **72.9270, -35.9530, 51.8070** is the 20% darker color. If you saturate the color by 10%, you get **119.6300, -58.9776, 63.4685**, and if you desaturate by 10%, it is **127.0790, -53.2829, 56.9357**.

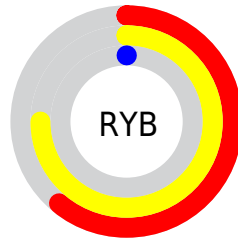
Distribution



Red (75%)

Green (42%)

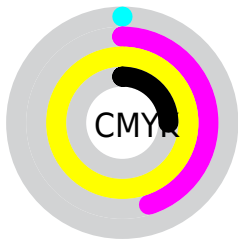
Blue (0%)



Red (61%)

Yellow (75%)

Blue (0%)

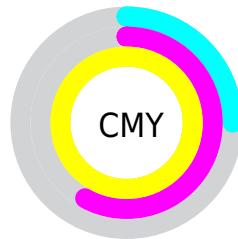


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.6300, -58.9776, 63.4685 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 119.6300, -58.9776, 63.4685 by changing the saturation by 10% instead.

■ 119.6300,
-58.9776, 63.4685

■ 119.6300,
-58.9776, 63.4685

255.0000, 0.0000,
0.0000

■ 95.9850, -47.3206,
57.8952

■ 176.1020,
-54.7733, 68.3165

■ 72.9270, -35.9530,
51.8070

■ 195.2140,
-51.3775, 52.4323

■ 50.4560, -24.8748,
45.2041

■ 214.7280,
-47.6869, 35.3185

■ 27.9960, -13.8020,
40.3455

■ 234.8290,
-44.2857, 17.6900

■ 14.3520, -7.0755,
29.5093

■ 245.5380,
-36.2542, 8.2982


■ 0.5980, -0.2948,
1.2296


■ 248.7300,

■ 0.0000, 0.0000,


-24.0239, 5.4988

0.0000

 252.0360,
-11.3567, 2.5994


 119.6300,
-58.9776, 63.4685

 127.0790,
-53.2829, 56.9357

 133.9410,
-47.2989, 50.9177

 141.5040,
-41.1675, 44.2850

 148.3660,
-35.1834, 38.2670

 155.8150,
-29.4888, 31.7342

■ 163.2640,
-23.7942, 25.2015

■ 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.



119.7590, -27.4892, 90.5424



119.6300, -58.9776, 63.4685



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.



119.6300, -58.9776, 63.4685



105.9020, 14.8383, -92.8761



130.4930, 46.0990, 7.4606

Complementary

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



119.6300, -58.9776, 63.4685



72.3700, 58.9776, -63.4685

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



119.6300, -58.9776, 63.4685



111.8130, 40.0252, -98.0600

Square

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



119.6300, -58.9776, 63.4685



97.1870, -10.9382, -85.2330



112.9650, 59.6703, -99.0703



127.0740, 25.1065, 67.4641

Rectangle

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



119.6300, -58.9776, 63.4685



113.5860, -55.9979, -5.7759



112.9650, 59.6703, -99.0703



126.1520, 53.1691, -20.3043

Sweetspot

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



119.6300, -58.9776, 63.4685



221.4920, -22.9206, 25.0015



67.2120, 9.2625, 109.4391



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.



119.6300, -58.9776, 63.4685



155.7560, -76.7877, 82.6520



167.1220, -82.3911, 13.0480



93.5120, -3.2104, 3.0590



100.3820, -49.4883, 53.1620



20.4330, -10.0735, 11.0213

Inverse Universe

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



72.3700, 58.9776, -63.4685



94.2440, 76.7877, -82.6520



24.8780, 82.3911, -13.0480



91.0750, 2.9210, -3.5738



60.6180, 49.4883, -53.1620



12.5670, 10.0735, -11.0213

Previews

White Background



This preview shows how the YUV color 119.6300, -58.9776, 63.4685 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 119.6300, -58.9776, 63.4685 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 119.6300, -58.9776, 63.4685

Background



This preview shows how black text looks on a background with the YUV color 119.6300, -58.9776, 63.4685.



This preview shows how white text looks on a background with the YUV color 119.6300, -58.9776,

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

120.9020, -51.7167, 21.1339

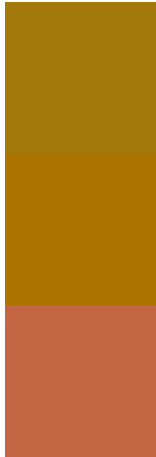
Deuteranopia

120.0520, -59.1856, 36.7884

Tritanopia

128.8010, -11.2409, 58.9335

Trichromacy



Protanomaly

120.6050, -54.5283, 36.3034

Deuteranomaly

119.8190, -59.0708, 46.6397

Tritanomaly

125.8170, -28.9968, 60.6735

Monochromacy



Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8230, -21.6047, 22.9572

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6300, -58.9776, 63.4685 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, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 106, 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, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 106, 0) }
```

Border

The CSS property to change the border of an element to YUV 119.6300, -58.9776, 63.4685 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, 106, 0) }
```

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

```
.border{ border-color:rgb(192, 106, 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, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 106,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 119.6300, -58.9776, 63.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 106, 0) }
```

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

```
.background{ background-color: rgb(192,  
106, 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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