

Converting Colors

YUV(117.6580, -58.0054,
78.3529)

Have a look what the booklet for
YUV(117.6580, -58.0054, 78.3529)
contains.

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Color

**YUV(117.6580, -58.0054,
78.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	CF5F00
RGB	207, 95, 0
RGB Percent	81%, 37%, 0%
CMY	0.1882, 0.6275, 1.0000
CMYK	0.00, 0.54, 1.00, 0.19
HSL	28°, 100%, 41%
HSV	28°, 100%, 81%
XYZ	29.8243, 21.4498, 2.5683
YIQ	117.6580, 97.2470, -5.8010

Conversions

Conversions Part 2

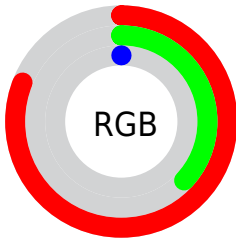
Format	Color
R_{YB}	207, 176, 0
Decimal	13590272
CIE Lab	53.44, 40.46, 62.36
CIE LCh	53, 74.340, 57.023
Yxy	21.4498, 0.5539, 0.3984
Android (android.graphics.Color)	4291780352 (0xFFCF5F00)
YUV	117.6580, -58.0054, 78.3529
Hunter-Lab	46.3139, 33.8975, 29.1319

Details

The YUV color **117.6580, -58.0054, 78.3529** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **89.3420, 58.0054, -78.3529**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4170, -52.4636, 74.1793**, and **69.1830, -34.1072, 66.4915** is the 20% darker color. If you saturate the color by 10%, you get **117.6580, -58.0054, 78.3529**, and if you desaturate by 10%, it is **126.5090, -52.0159, 70.5906**.

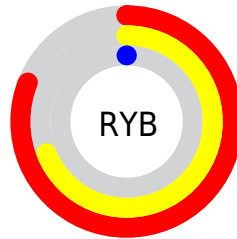
Distribution



Red (81%)

Green (37%)

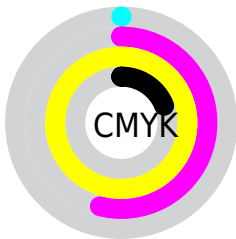
Blue (0%)



Red (81%)

Yellow (69%)

Blue (0%)

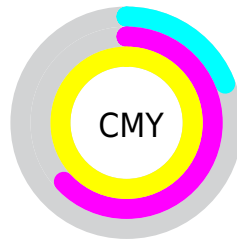


Cyan (0%)

Magenta (54%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (63%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6580, -58.0054, 78.3529 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 117.6580, -58.0054, 78.3529 by changing the saturation by 10% instead.

■ 117.6580,
-58.0054, 78.3529

■ 117.6580,
-58.0054, 78.3529

■ 255.0000, 0.0000,
0.0000

■ 93.1270, -45.9116,
72.6796

■ 170.4170,
-52.4636, 74.1793

■ 69.1830, -34.1072,
66.4915

■ 189.2300,
-48.9204, 57.6803

■ 43.4780, -21.4347,
61.8478

■ 208.6300,
-45.6666, 40.6665

■ 25.4150, -12.5296,
52.2560

■ 228.1440,
-41.9760, 23.5527

■ 17.0430, -8.4022,
35.0423

■ 245.4240,
-36.6910, 8.3982


■ 7.5890, -3.2484,
15.2694

■ 248.6160,


■ 0.0000, 0.0000,


-24.4607, 5.5988

0.0000


 251.8080,
-12.2303, 2.7994


 117.6580,
-58.0054, 78.3529

 126.5090,
-52.0159, 70.5906

 135.2460,
-46.4633, 62.9283

 144.6840,
-40.7632, 54.6511

 153.5350,
-34.7738, 46.8888

 162.3860,
-28.7843, 39.1265

■ 171.1230,
-23.2316, 31.4641

■ 179.9740,
-17.2422, 23.7018

■ 189.4120,
-11.5421, 15.4247

■ 198.1490, -5.9895,
7.7623

Harmonies

Analogous

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



114.5080, -19.9704, 105.6715



117.6580, -58.0054, 78.3529



120.0410, -59.1802, 35.0440

Triad

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



117.6580, -58.0054, 78.3529



104.5510, 7.1234, -91.6912



125.7270, 57.8156, -17.3006

Complementary

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



117.6580, -58.0054, 78.3529



89.3420, 58.0054, -78.3529

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.



110.0760, 71.4475, -96.5367



117.6580, -58.0054, 78.3529



111.9610, 35.5152, -98.1898

Square

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



117.6580, -58.0054, 78.3529



93.8640, -21.1320, -82.3187



115.4270, 58.9495, -101.2295



127.2610, 34.8743, 61.1611

Rectangle

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



117.6580, -58.0054, 78.3529



115.7120, -57.0460, 3.7606



115.4270, 58.9495, -101.2295



110.4970, 69.7610, -68.8419

Sweetspot

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



117.6580, -58.0054, 78.3529



222.2690, -21.3316, 28.7051



74.8890, 19.2817, 115.8613



108.0810, -12.8579, 17.4690



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



117.6580, -58.0054, 78.3529



144.9240, -71.4475, 96.5367



177.5320, -87.5233, 25.8434



100.2240, -3.0684, 4.1886



95.4310, -47.0475, 63.6430



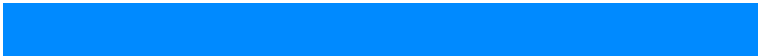
23.4120, -11.5421, 15.4247

Inverse Universe

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



89.3420, 58.0054, -78.3529



110.0760, 71.4475, -96.5367



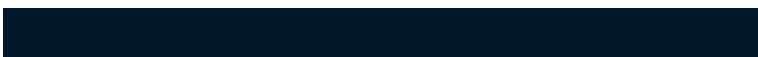
29.4680, 87.5233, -25.8434



98.7760, 3.0684, -4.1886



72.5690, 47.0475, -63.6430



17.5880, 11.5421, -15.4247

Previews

White Background



This preview shows how the YUV color 117.6580, -58.0054, 78.3529 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 117.6580, -58.0054, 78.3529 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 117.6580, -58.0054, 78.3529

Background



This preview shows how black text looks on a background with the YUV color 117.6580, -58.0054, 78.3529.



This preview shows how white text looks on a background with the YUV color 117.6580, -58.0054,

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

121.2440, -50.4063, 20.8340

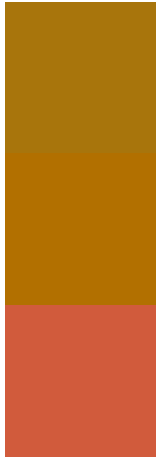
Deuteranopia

120.0520, -59.1856, 36.7884

Tritanopia

125.1620, -15.3629, 74.4029

Trichromacy



Protanomaly

120.2790, -53.3815, 41.8513

Deuteranomaly

118.9660, -58.6502, 51.7728

Tritanomaly

122.7480, -30.9348, 75.6430

Monochromacy



Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9700, -21.1842, 28.0903

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6580, -58.0054, 78.3529 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(207, 95, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 95, 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(207, 95, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 95, 0) }
```

Border

The CSS property to change the border of an element to YUV 117.6580, -58.0054, 78.3529 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(207, 95, 0) }
```

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

```
.border{ border-color:rgb(207, 95, 0) }
```

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

Here you see how a box with a 4 pixel rgb(207, 95, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 95, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 95, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 95, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 117.6580, -58.0054, 78.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 95, 0) }
```

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

```
.background{ background-color: rgb(207, 95,  
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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