

Converting Colors

YUV(117.4800, -57.9176,
96.9260)

Have a look what the booklet for
YUV(117.4800, -57.9176, 96.9260)
contains.

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Color

**YUV(117.4800, -57.9176,
96.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	E45400
RGB	228, 84, 0
RGB Percent	89%, 33%, 0%
CMY	0.1059, 0.6706, 1.0000
CMYK	0.00, 0.63, 1.00, 0.11
HSL	22°, 100%, 45%
HSV	22°, 100%, 89%
XYZ	35.1652, 22.8346, 2.5541
YIQ	117.4800, 112.7880, 4.4040

Conversions

Conversions Part 2

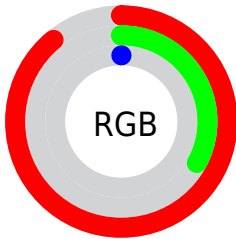
Format	Color
RYB	228, 133, 0
Decimal	14963712
CIELab	54.90, 53.34, 64.99
CIElCh	55, 84.075, 50.626
Yxy	22.8346, 0.5807, 0.3771
Android (android.graphics.Color)	4293153792 (0xFFE45400)
YUV	117.4800, -57.9176, 96.9260
Hunter-Lab	47.7856, 47.7327, 30.2809

Details

The YUV color **117.4800, -57.9176, 96.9260** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **110.5200, 57.9176, -96.9260**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0200, -50.2959, 78.9125**, and **63.1240, -31.1201, 88.4683** is the 20% darker color. If you saturate the color by 10%, you get **117.4800, -57.9176, 96.9260**, and if you desaturate by 10%, it is **128.3200, -51.9228, 87.4194**.

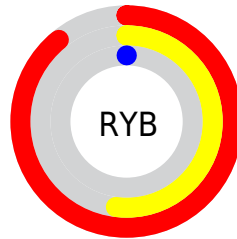
Distribution



Red (89%)

Green (33%)

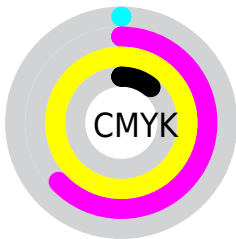
Blue (0%)



Red (89%)

Yellow (52%)

Blue (0%)

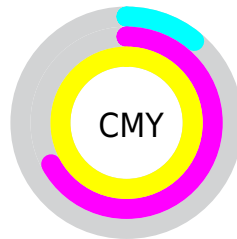


Cyan (0%)

Magenta (63%)

Yellow (100%)

Black (11%)



Cyan (11%)


Magenta (67%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.4800, -57.9176, 96.9260 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 117.4800, -57.9176, 96.9260 by changing the saturation by 10% instead.


 117.4800,
-57.9176, 96.9260

 117.4800,
-57.9176, 96.9260


255.0000, 0.0000,
0.0000

 91.4760, -45.0977,
91.6675


 165.0200,
-50.2959, 78.9125


 63.1240, -31.1201,
88.4683


 184.5340,
-46.6053, 61.7987


 39.4680, -19.4577,
81.1506


 203.9340,
-43.3515, 44.7849

 30.1990, -14.8881,
62.0925

 224.0350,
-39.9503, 27.1563

 21.5280, -10.6133,
44.2639

 244.1360,
-36.5490, 9.5277


 13.2700, -6.0491,
26.9502


 248.5020,


 0.0000, 0.0000,

-24.8975, 5.6987


0.0000


 251.8080,
-12.2303, 2.7994

 117.4800,
-57.9176, 96.9260

 128.3200,
-51.9228, 87.4194

 139.7470,
-46.2173, 77.3979

 150.4730,
-40.6592, 67.9912

 161.9000,
-34.9537, 57.9697

 172.7400,
-28.9588, 48.4630

■ 183.5800,
-22.9639, 38.9563

■ 195.0070,
-17.2585, 28.9349

■ 205.7330,
-11.7004, 19.5282

■ 217.1600, -5.9949,
9.5067

Harmonies

Analogous

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



104.4200, -9.5741, 131.1817



117.4800, -57.9176, 96.9260



123.6620, -60.9654, 47.6544

Triad

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



117.4800, -57.9176, 96.9260



106.4770, -0.7282, -93.3803



114.7260, 69.1551, -61.1497

Complementary

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



117.4800, -57.9176, 96.9260



110.5200, 57.9176, -96.9260

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.



115.3590, 68.8430, -101.1698



117.4800, -57.9176, 96.9260



115.7280, 32.1791, -101.4935

Square

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



117.4800, -57.9176, 96.9260



93.1510, -36.5564, -81.6934



121.1490, 60.5655, -106.2477



131.4910, 46.0999, 53.9434

Rectangle

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



117.4800, -57.9176, 96.9260



121.0830, -59.6939, 13.0822



121.1490, 60.5655, -106.2477



107.1410, 72.8945, -93.9627

Sweetspot

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



117.4800, -57.9176, 96.9260



218.1600, -19.3059, 32.3087



84.5880, 29.2901, 125.7723



105.7330, -11.7004, 19.5282



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.



117.4800, -57.9176, 96.9260



131.4230, -64.7915, 108.3770



184.3980, -90.9082, 38.2390



109.5230, -3.2158, 4.8033



92.2630, -45.4857, 76.0683



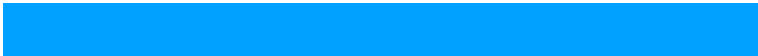
26.4020, -13.0162, 21.5724

Inverse Universe

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



110.5200, 57.9176, -96.9260



123.5770, 64.7915, -108.3770



43.6020, 90.9082, -38.2390



109.0640, 2.9264, -5.3181



86.7370, 45.4857, -76.0683



24.5980, 13.0162, -21.5724

Previews

White Background



This preview shows how the YUV color 117.4800, -57.9176, 96.9260 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 117.4800, -57.9176, 96.9260 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 117.4800, -57.9176, 96.9260

Background



This preview shows how black text looks on a background with the YUV color 117.4800, -57.9176, 96.9260.



This preview shows how white text looks on a background with the YUV color 117.4800, -57.9176, 96.9260.

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

117.4800, -57.9176, 96.9260

Protanopia

124.6570, -50.1169, 21.3488

Deuteranopia

123.3080, -60.7908, 38.3179



Tritanopia

124.0180, -20.2219, 92.9462

Trichromacy



Original Color

117.4800, -57.9176, 96.9260

Protanomaly

122.4370, -52.9664, 48.7288

Deuteranomaly

121.0810, -59.6929, 59.5650

Tritanomaly

121.4730, -33.7572, 94.3012

Monochromacy



Original Color

117.4800, -57.9176, 96.9260

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0140, -21.2059, 35.0677

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4800, -57.9176, 96.9260 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(228, 84, 0)` looks like.

```
.text, #text, p{  
    color:rgb(228, 84, 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(228, 84, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 84, 0) }
```

Border

The CSS property to change the border of an element to YUV 117.4800, -57.9176, 96.9260 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(228, 84, 0) }
```


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

```
.border{ border-color:rgb(228, 84, 0) }
```

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

Here you see how a box with a 4 pixel rgb(228, 84, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 84, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 84, 0);  
box-shadow:4px 4px 4px 4px rgb(228, 84, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 117.4800, -57.9176, 96.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 84, 0) }
```

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

```
.background{ background-color: rgb(228, 84,  
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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