

Converting Colors

YUV(116.8380, -57.6011,
88.7191)

Have a look what the booklet for
YUV(116.8380, -57.6011, 88.7191)
contains.

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Color

**YUV(116.8380, -57.6011,
88.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5800
RGB	218, 88, 0
RGB Percent	85%, 35%, 0%
CMY	0.1451, 0.6549, 1.0000
CMYK	0.00, 0.60, 1.00, 0.15
HSL	24°, 100%, 43%
HSV	24°, 100%, 85%
XYZ	32.4032, 21.8849, 2.5164
YIQ	116.8380, 105.7280, 0.1920

Conversions

Conversions Part 2

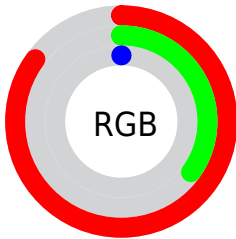
Format	Color
RYB	218, 148, 0
Decimal	14309376
CIELab	53.90, 47.98, 63.56
CIElCh	54, 79.632, 52.952
Yxy	21.8849, 0.5704, 0.3853
Android (android.graphics.Color)	4292499456 (0xFFDA5800)
YUV	116.8380, -57.6011, 88.7191
Hunter-Lab	46.7813, 41.7713, 29.5577

Details

The YUV color **116.8380, -57.6011, 88.7191** 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 **101.1620, 57.6011, -88.7191**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7810, -51.1640, 77.3681**, and **65.7160, -32.3980, 78.3021** is the 20% darker color. If you saturate the color by 10%, you get **116.8380, -57.6011, 88.7191**, and if you desaturate by 10%, it is **126.9770, -51.7537, 79.8272**.

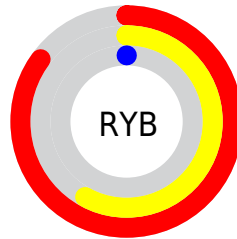
Distribution



Red (85%)

Green (35%)

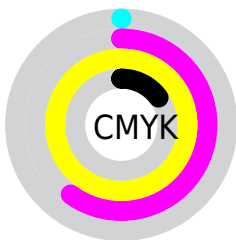
Blue (0%)



Red (85%)

Yellow (58%)

Blue (0%)

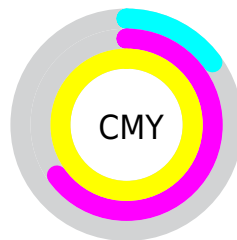


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (15%)



Cyan (15%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8380, -57.6011, 88.7191 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 116.8380, -57.6011, 88.7191 by changing the saturation by 10% instead.

116.8380,
-57.6011, 88.7191

116.8380,
-57.6011, 88.7191

255.0000, 0.0000,
0.0000

91.4210, -45.0706,
82.9458

166.7810,
-51.1640, 77.3681

65.7160, -32.3980,
78.3021

185.5940,
-47.6208, 60.8691

36.7770, -18.1311,
75.6176

205.1080,
-43.9302, 43.7553

27.8070, -13.7089,
57.1743

225.2090,
-40.5290, 26.1267

19.4350, -9.5815,
39.9605

245.3100,
-37.1278, 8.4981


10.5790, -4.7224,
21.4172


248.5020,

0.0000, 0.0000,


-24.8975, 5.6987


0.0000


 251.8080,
-12.2303, 2.7994


 116.8380,
-57.6011, 88.7191

 126.9770,
-51.7537, 79.8272

 137.1160,
-45.9062, 70.9353

 147.1410,
-40.4955, 62.1433

 157.2800,
-34.6480, 53.2514

 167.4190,
-28.8006, 44.3595

■ 177.5580,
-22.9531, 35.4676

■ 187.6970,
-17.1056, 26.5757

■ 197.7220,
-11.6949, 17.7838

■ 207.8610, -5.8475,
8.8919

Harmonies

Analogous

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



109.3770, -14.4829, 118.9414



116.8380, -57.6011, 88.7191



121.2700, -59.7861, 42.7362

Triad

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



116.8380, -57.6011, 88.7191



104.6990, 2.6134, -91.8210



121.3590, 65.8850, -38.9028

Complementary

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



116.8380, -57.6011, 88.7191



101.1620, 57.6011, -88.7191

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.



113.0110, 70.0006, -99.1106



116.8380, -57.6011, 88.7191



113.3800, 33.3367, -99.4343

Square

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



116.8380, -57.6011, 88.7191



93.1000, -29.1363, -81.6487



118.2310, 59.5391, -103.6886



128.9490, 41.4371, 56.1727

Rectangle

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



116.8380, -57.6011, 88.7191



117.8160, -58.0833, 9.8084



118.2310, 59.5391, -103.6886



104.2060, 74.3414, -91.3887

Sweetspot

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



116.8380, -57.6011, 88.7191



219.3340, -19.8847, 31.2791



80.1160, 25.0858, 120.9243



106.3200, -11.9898, 19.0134



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.



116.8380, -57.6011, 88.7191



136.7060, -67.3961, 103.7438



180.2340, -88.8554, 33.1208



104.6370, -2.7790, 4.7034



92.8170, -45.7588, 70.3205



24.9070, -12.2792, 18.4986

Inverse Universe

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



101.1620, 57.6011, -88.7191



118.2940, 67.3961, -103.7438



37.7660, 88.8554, -33.1208



103.7760, 3.0684, -4.1886



80.1830, 45.7588, -70.3205



21.0930, 12.2792, -18.4986

Previews

White Background



This preview shows how the YUV color 116.8380, -57.6011, 88.7191 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 116.8380, -57.6011, 88.7191 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 116.8380, -57.6011, 88.7191 Background



This preview shows how black text looks on a background with the YUV color 116.8380, -57.6011, 88.7191.



This preview shows how white text looks on a background with the YUV color 116.8380, -57.6011, 88.7191.

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

116.8380, -57.6011, 88.7191

Protanopia

122.3580, -49.9695, 20.7340

Deuteranopia

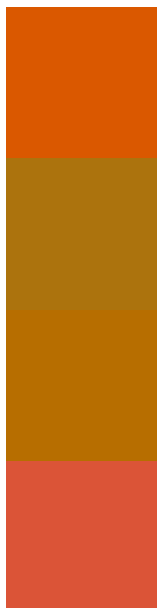
120.9380, -59.6224, 36.8884



Tritanopia

123.8320, -18.1582, 84.3393

Trichromacy



Original Color

116.8380, -57.6011, 88.7191

Protanomaly

120.4150, -52.9556, 45.2400

Deuteranomaly

119.2870, -58.8085, 55.8763

Tritanomaly

121.0590, -32.5671, 85.8943

Monochromacy



Original Color

116.8380, -57.6011, 88.7191

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7040, -21.0531, 32.7086

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8380, -57.6011, 88.7191 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(218, 88, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 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(218, 88, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 0) }
```

Border

The CSS property to change the border of an element to YUV 116.8380, -57.6011, 88.7191 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(218, 88, 0) }
```


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

```
.border{ border-color:rgb(218, 88, 0) }
```

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

Here you see how a box with a 4 pixel rgb(218, 88, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 0);  
box-shadow:4px 4px 4px 4px rgb(218, 88, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 116.8380, -57.6011, 88.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 88, 0) }
```

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

```
.background{ background-color: rgb(218, 88,  
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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