

Converting Colors

YUV(139.8910, -58.1203,
68.5016)

Have a look what the booklet for
YUV(139.8910, -58.1203, 68.5016)
contains.

YUV(139.8910, -58.1203, 68.5016)	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>	31

Color

**YUV(139.8910, -58.1203,
68.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	DA7B16
RGB	218, 123, 22
RGB Percent	85%, 48%, 9%
CMY	0.1451, 0.5176, 0.9137
CMYK	0.00, 0.44, 0.90, 0.15
HSL	31°, 82%, 47%
HSV	31°, 90%, 85%
XYZ	36.1412, 29.1293, 4.4767
YIQ	139.8910, 89.0410, -11.2710

Conversions

Conversions Part 2

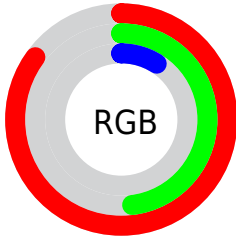
Format	Color
R_{YB}	206, 218, 22
Decimal	14318358
CIE _{Lab}	60.90, 30.79, 63.55
CIE _{LCh}	61, 70.616, 64.150
Yxy	29.1293, 0.5182, 0.4176
Android (android.graphics.Color)	4292508438 (0xFFDA7B16)
YUV	139.8910, -58.1203, 68.5016
Hunter-Lab	53.9715, 25.0796, 32.8622

Details

The YUV color **139.8910, -58.1203, 68.5016** 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 **100.1090, 58.1203, -68.5016**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5630, -54.0146, 58.2652**, and **89.4950, -44.1210, 58.3249** is the 20% darker color. If you saturate the color by 10%, you get **130.9260, -64.5465, 76.3639**, and if you desaturate by 10%, it is **148.8560, -51.6940, 60.6393**.

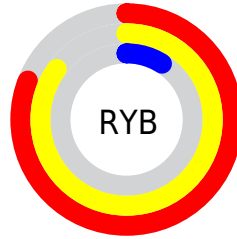
Distribution



Red (85%)

Green (48%)

Blue (9%)



Red (81%)

Yellow (85%)

Blue (9%)

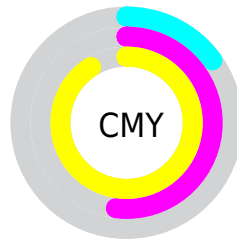


Cyan (0%)

Magenta (44%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.8910, -58.1203, 68.5016 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 139.8910, -58.1203, 68.5016 by changing the saturation by 10% instead.


 139.8910,
-58.1203, 68.5016

 139.8910,
-58.1203, 68.5016


255.0000, 0.0000,
0.0000


 113.4390,
-55.9254, 64.5130


 188.5630,
-54.0146, 58.2652


 89.4950, -44.1210,
58.3249


 208.0770,
-50.3240, 41.1515

 66.4370, -32.7534,
52.2368


 227.5910,
-46.6334, 24.0377

 43.6780, -21.5333,
46.7634

 244.1700,
-41.4958, 9.4979

 20.6310, -10.1711,
42.4196

 247.3620,
-29.2655, 6.6985

 13.5690, -6.1965,
27.5650

 250.6680,

 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,
0.8998

139.8910,
-58.1203, 68.5016

139.8910,
-58.1203, 68.5016

130.9260,
-64.5465, 76.3639

148.8560,
-51.6940, 60.6393

157.2340,
-44.9784, 53.2918

166.0850,
-38.9889, 45.5295

174.4630,
-32.2733, 38.1819

183.4280,
-25.8470, 30.3196

■ 191.8060,
-19.1314, 22.9721

■ 200.7710,
-12.7051, 15.1098

■ 209.6220, -6.7156,
7.3475

■ 218.0000, 0.0000,
0.0000

Harmonies

Analogous

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



139.6350, -29.4001, 96.7901



139.8910, -58.1203, 68.5016



136.5210, -67.3049, 27.6071

Triad

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



139.8910, -58.1203, 68.5016



120.2810, 16.6235, -105.4864



149.5190, 50.0301, 6.5608

Complementary

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



139.8910, -58.1203, 68.5016



100.1090, 58.1203, -68.5016

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.



118.2940, 67.3961, -103.7438



139.8910, -58.1203, 68.5016



126.7620, 43.9943, -111.1703

Square

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



139.8910, -58.1203, 68.5016



111.1100, -10.9002, -97.4435



127.0990, 63.0552, -111.4658



147.6660, 27.2797, 70.4529

Rectangle

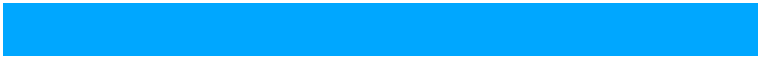
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139.8910, -58.1203, 68.5016



130.7190, -64.4445, -3.2616



127.0990, 63.0552, -111.4658



144.7820, 54.3375, -21.7338

Sweetspot

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



139.8910, -58.1203, 68.5016



227.7630, -20.5892, 23.8868



91.7760, 13.9144, 110.6984



111.5860, -12.1209, 14.3951



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.



139.8910, -58.1203, 68.5016



153.1420, -75.4990, 89.3295



195.6560, -85.6124, 19.5957



105.2240, -3.0684, 4.1886



103.9700, -51.2572, 60.5393



27.8420, -13.7261, 15.9246

Inverse Universe

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



100.1090, 58.1203, -68.5016



101.8580, 75.4990, -89.3295



44.3440, 85.6124, -19.5957



103.1890, 3.3578, -3.6738



69.0300, 51.2572, -60.5393



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 139.8910, -58.1203, 68.5016 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 139.8910, -58.1203, 68.5016 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 139.8910, -58.1203, 68.5016

Background



This preview shows how black text looks on a background with the YUV color 139.8910, -58.1203, 68.5016.



This preview shows how white text looks on a background with the YUV color 139.8910, -58.1203, 68.5016.

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

139.8910, -58.1203, 68.5016

Protanopia

139.8160, -54.6323, 22.9634

Deuteranopia

137.7940, -67.9324, 42.2767



Tritanopia

147.9050, -12.2782, 64.9813

Trichromacy



Original Color

139.8910, -58.1203, 68.5016

Protanomaly

139.8720, -56.1389, 39.5773

Deuteranomaly

138.7720, -64.4706, 51.9430

Tritanomaly

145.1490, -29.1605, 66.5213

Monochromacy



Original Color

139.8910, -58.1203, 68.5016

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9480, -21.1734, 24.6016

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.8910, -58.1203, 68.5016 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, 123, 22)` looks like.

```
.text, #text, p{  
    color:rgb(218, 123, 22)  
}
```

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, 123, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 123, 22) }
```

Border

The CSS property to change the border of an element to YUV 139.8910, -58.1203, 68.5016 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, 123, 22) }
```


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

```
.border{ border-color:rgb(218, 123, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 123, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 123, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 123, 22);  
box-shadow:4px 4px 4px 4px rgb(218, 123,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 139.8910, -58.1203, 68.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 123, 22) }
```

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

```
.background{ background-color: rgb(218,  
123, 22) }
```

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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