

Converting Colors

YUV(118.5310, -55.4778,
60.9243)

Have a look what the booklet for
YUV(118.5310, -55.4778, 60.9243)
contains.

YUV(118.5310, -55.4778, 60.9243)	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(118.5310, -55.4778,
60.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6906
RGB	188, 105, 6
RGB Percent	74%, 41%, 2%
CMY	0.2627, 0.5882, 0.9765
CMYK	0.00, 0.44, 0.97, 0.26
HSL	33°, 94%, 38%
HSV	33°, 97%, 74%
XYZ	25.8235, 20.8077, 2.8275
YIQ	118.5310, 81.2470, -13.1930

Conversions

Conversions Part 2

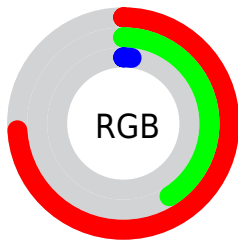
Format	Color
RYB	159, 188, 6
Decimal	12347654
CIELab	52.74, 27.55, 59.29
CIELCh	53, 65.378, 65.075
Yxy	20.8077, 0.5221, 0.4207
Android (android.graphics.Color)	4290537734 (0xFFBC6906)
YUV	118.5310, -55.4778, 60.9243
Hunter-Lab	45.6154, 21.2242, 28.2556

Details

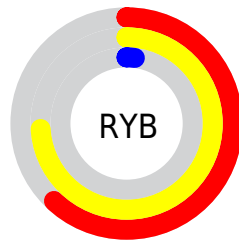
The YUV color **118.5310, -55.4778, 60.9243** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **75.4690, 55.4778, -60.9243**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5470, -53.0207, 66.1723**, and **71.7310, -35.3634, 49.3479** is the 20% darker color. If you saturate the color by 10%, you get **116.0860, -57.2304, 63.0686**, and if you desaturate by 10%, it is **125.9800, -49.7831, 54.3915**.

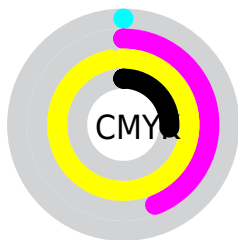
Distribution



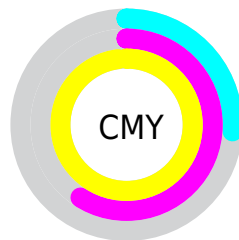
- Red (74%)
- Green (41%)
- Blue (2%)



- Red (62%)
- Yellow (74%)
- Blue (2%)



- Cyan (0%)
- Magenta (44%)
- Yellow (97%)
- Black (26%)



- Cyan (26%)
- Magenta (59%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5310, -55.4778, 60.9243 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 118.5310, -55.4778, 60.9243 by changing the saturation by 10% instead.

■ 118.5310,
-55.4778, 60.9243

■ 118.5310,
-55.4778, 60.9243

255.0000, 0.0000,
0.0000

■ 94.2020, -46.4416,
55.9508

■ 174.5470,
-53.0207, 66.1723

■ 71.7310, -35.3634,
49.3479

■ 194.8550,
-50.2145, 52.7472

■ 49.5590, -24.4326,
43.3598

■ 214.3690,
-46.5239, 35.6334

■ 27.0990, -13.3598,
38.5012

■ 233.8830,
-42.8333, 18.5196

■ 13.4550, -6.6333,
27.6650

■ 245.7660,
-35.3806, 8.0982

■ 0.0000, 0.0000,
0.0000

■ 248.9580,

-23.1503, 5.2988

■ 252.2640,
-10.4832, 2.3995

■ 118.5310,
-55.4778, 60.9243

■ 118.5310,
-55.4778, 60.9243

■ 116.0860,
-57.2304, 63.0686

■ 125.9800,
-49.7831, 54.3915

■ 132.8420,
-43.7991, 48.3736

■ 140.1770,
-38.5413, 41.9408

■ 147.0390,
-32.5572, 35.9228

■ 154.4880,
-26.8626, 29.3900

■ 161.3500,
-20.8785, 23.3721

■ 168.7990,
-15.1839, 16.8393

■ 176.1340, -9.9261,
10.4065

■ 182.9960, -3.9420,
4.3885

Harmonies

Analogous

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



118.8510, -27.0415, 86.9537



118.5310, -55.4778, 60.9243



117.3060, -57.8319, 22.5336

Triad

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



118.5310, -55.4778, 60.9243



103.9130, 14.8329, -91.1317



128.1510, 44.7886, 7.7606

Complementary

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



118.5310, -55.4778, 60.9243



75.4690, 55.4778, -60.9243

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.



103.5560, 66.7739, -90.8186



118.5310, -55.4778, 60.9243



109.5960, 39.1462, -96.1157

Square

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



118.5310, -55.4778, 60.9243



95.5400, -9.6332, -83.7886



110.5200, 57.9176, -96.9260



125.4220, 23.9490, 65.4049

Rectangle

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



118.5310, -55.4778, 60.9243



112.1130, -55.2717, -5.3611



110.5200, 57.9176, -96.9260



124.5930, 50.9797, -18.0601

Sweetspot

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



118.5310, -55.4778, 60.9243



217.5350, -21.4628, 24.0868



70.1080, 10.2998, 103.3913



106.0590, -12.8471, 13.9803



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



118.5310, -55.4778, 60.9243



151.3260, -74.6037, 82.1521



165.4580, -78.6128, 14.5073



90.6260, -2.7736, 2.9590



97.7240, -48.1779, 52.8621



19.2480, -9.4893, 10.3065

Inverse Universe

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



75.4690, 55.4778, -60.9243



93.6740, 74.6037, -82.1521



28.5420, 78.6128, -14.5073



88.3740, 2.7736, -2.9590



60.2760, 48.1779, -52.8621



11.7520, 9.4893, -10.3065

Previews

White Background



This preview shows how the YUV color 118.5310, -55.4778, 60.9243 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 118.5310, -55.4778, 60.9243 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 118.5310, -55.4778, 60.9243 Background



This preview shows how black text looks on a background with the YUV color 118.5310, -55.4778, 60.9243.



This preview shows how white text looks on a background with the YUV color 118.5310, -55.4778,

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

118.5310, -55.4778, 60.9243

Protanopia

119.1300, -50.8431, 20.9340

Deuteranopia

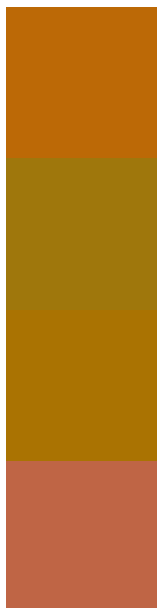
118.2800, -58.3120, 36.5884



Tritanopia

126.9040, -10.7987, 57.0892

Trichromacy



Original Color

118.5310, -55.4778, 60.9243

Protanomaly

118.7620, -52.6337, 35.2887

Deuteranomaly

118.5630, -57.4656, 45.1102

Tritanomaly

124.2620, -27.2442, 58.5292

Monochromacy



Original Color

118.5310, -55.4778, 60.9243

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8660, -20.1469, 22.0425

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5310, -55.4778, 60.9243 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(188, 105, 6)` looks like.

```
.text, #text, p{  
    color:rgb(188, 105, 6)  
}
```

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(188, 105, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 105, 6) }
```

Border

The CSS property to change the border of an element to YUV 118.5310, -55.4778, 60.9243 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(188, 105, 6) }
```


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

```
.border{ border-color:rgb(188, 105, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 105, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 105, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 105, 6);  
box-shadow:4px 4px 4px 4px rgb(188, 105,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 118.5310, -55.4778, 60.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 105, 6) }
```

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

```
.background{ background-color: rgb(188,  
105, 6) }
```

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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