

Converting Colors

YUV(119.9180, -59.1196,
62.3389)

Have a look what the booklet for
YUV(119.9180, -59.1196, 62.3389)
contains.

YUV(119.9180, -59.1196, 62.3389)	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>	30

Color

**YUV(119.9180, -59.1196,
62.3389)**

Conversions

Conversions Part 1

Format	Color
Hex	BF6B00
RGB	191, 107, 0
RGB Percent	75%, 42%, 0%
CMY	0.2510, 0.5804, 1.0000
CMYK	0.00, 0.44, 1.00, 0.25
HSL	34°, 100%, 37%
HSV	34°, 100%, 75%
XYZ	26.7436, 21.5918, 2.7581
YIQ	119.9180, 84.4110, -15.4690

Conversions

Conversions Part 2

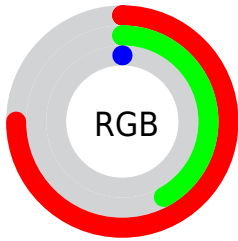
Format	Color
R_{YB}	150, 191, 0
Decimal	12544768
CIE Lab	53.59, 27.68, 61.25
CIE LCh	54, 67.211, 65.682
Yxy	21.5918, 0.5234, 0.4226
Android (android.graphics.Color)	4290734848 (0xFFBF6B00)
YUV	119.9180, -59.1196, 62.3389
Hunter-Lab	46.4669, 21.4167, 29.0076

Details

The YUV color **119.9180, -59.1196, 62.3389** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **71.0820, 59.1196, -62.3389**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3900, -54.9153, 67.1870**, and **73.2150, -36.0950, 50.6774** is the 20% darker color. If you saturate the color by 10%, you get **119.9180, -59.1196, 62.3389**, and if you desaturate by 10%, it is **126.7800, -53.1355, 56.3209**.

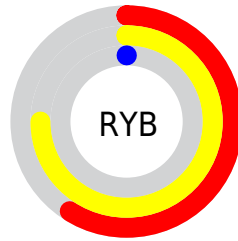
Distribution



Red (75%)

Green (42%)

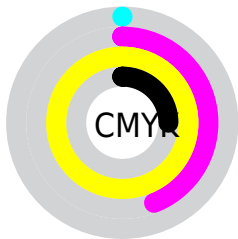
Blue (0%)



Red (59%)

Yellow (75%)

Blue (0%)

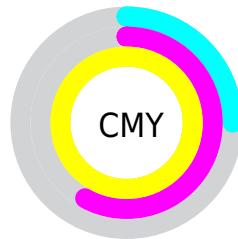


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (58%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.9180, -59.1196, 62.3389 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 119.9180, -59.1196, 62.3389 by changing the saturation by 10% instead.


 119.9180,
-59.1196, 62.3389


 119.9180,
-59.1196, 62.3389


255.0000, 0.0000,
0.0000


 96.2730, -47.4626,
56.7656


 176.3900,
-54.9153, 67.1870


 73.2150, -36.0950,
50.6774


 195.8010,
-51.6669, 51.9175

 50.7440, -25.0168,
44.0745

 215.3150,
-47.9763, 34.8037

 28.8710, -14.2334,
38.7011

 235.4160,
-44.5751, 17.1752


 14.0530, -6.9281,
28.8945


 245.5380,
-36.2542, 8.2982


 0.0000, 0.0000,
0.0000


 248.8440,


-23.5871, 5.3988

 252.0360,
-11.3567, 2.5994


 119.9180,
-59.1196, 62.3389

 126.7800,
-53.1355, 56.3209

 134.2290,
-47.4409, 49.7882

 141.0910,
-41.4569, 43.7702

 148.5400,
-35.7622, 37.2374

 155.5160,
-29.3414, 31.1195

■ 162.3780,
-23.3574, 25.1015

■ 169.8270,
-17.6627, 18.5687

■ 176.6890,
-11.6787, 12.5507

■ 184.1380, -5.9840,
6.0180

Harmonies

Analogous

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



120.6340, -27.9206, 88.8980



119.9180, -59.1196, 62.3389



118.7790, -58.5580, 22.1188

Triad

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



119.9180, -59.1196, 62.3389



106.1300, 15.7119, -93.0760



130.3900, 45.6567, 9.3050

Complementary

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



119.9180, -59.1196, 62.3389



71.0820, 59.1196, -62.3389

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.



105.3000, 68.3791, -92.3481



119.9180, -59.1196, 62.3389



111.9270, 40.4620, -98.1600

Square

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



119.9180, -59.1196, 62.3389



97.4150, -10.0646, -85.4330



112.9650, 59.6703, -99.0703



127.2590, 24.5223, 68.1789

Rectangle

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



119.9180, -59.1196, 62.3389



113.2870, -55.8505, -6.3907



112.9650, 59.6703, -99.0703



126.6470, 52.4320, -17.2304

Sweetspot

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



119.9180, -59.1196, 62.3389



219.7800, -23.0625, 23.8719



66.9130, 9.4099, 108.8243



108.1300, -13.8681, 14.7950



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



119.9180, -59.1196, 62.3389



155.4460, -76.6349, 80.2929



166.2360, -81.9543, 12.9480



90.6260, -2.7736, 2.9590



99.4850, -49.0461, 51.3177



19.2480, -9.4893, 10.3065

Inverse Universe

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



71.0820, 59.1196, -62.3389



92.1410, 76.3455, -80.8077



24.7640, 81.9543, -12.9480



88.3740, 2.7736, -2.9590



59.1020, 48.7567, -51.8325



11.1650, 9.7787, -9.7917

Previews

White Background



This preview shows how the YUV color 119.9180, -59.1196, 62.3389 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 119.9180, -59.1196, 62.3389 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 119.9180, -59.1196, 62.3389

Background



This preview shows how black text looks on a background with the YUV color 119.9180, -59.1196, 62.3389.

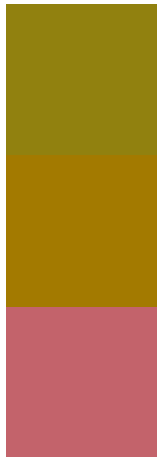


This preview shows how white text looks on a background with the YUV color 119.9180, -59.1196, 62.3389.

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

120.7880, -52.1535, 21.2339

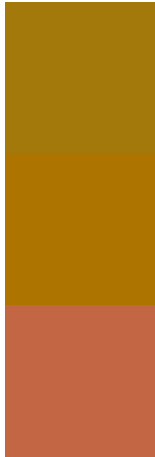
Deuteranopia

120.3510, -59.3330, 37.4032

Tritanopia

128.6160, -10.6567, 58.2188

Trichromacy



Protanomaly

120.6050, -54.5283, 36.3034

Deuteranomaly

120.4060, -59.3602, 46.1249

Tritanomaly

125.6320, -28.4126, 59.9587

Monochromacy



Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8230, -21.6047, 22.9572

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9180, -59.1196, 62.3389 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(191, 107, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 107, 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(191, 107, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 107, 0) }
```

Border

The CSS property to change the border of an element to YUV 119.9180, -59.1196, 62.3389 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(191, 107, 0) }
```

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

```
.border{ border-color:rgb(191, 107, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 107, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 107, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 107, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 107,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 119.9180, -59.1196, 62.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 107, 0) }
```

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

```
.background{ background-color: rgb(191,  
107, 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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