

Converting Colors

YUV(120.4060, -55.9092,
59.2799)

Have a look what the booklet for
YUV(120.4060, -55.9092, 59.2799)
contains.

YUV(120.4060, -55.9092, 59.2799)	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(120.4060, -55.9092,
59.2799)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6C07
RGB	188, 108, 7
RGB Percent	74%, 42%, 3%
CMY	0.2627, 0.5765, 0.9725
CMYK	0.00, 0.43, 0.96, 0.26
HSL	33°, 93%, 38%
HSV	33°, 96%, 74%
XYZ	26.1400, 21.4318, 2.9600
YIQ	120.4060, 80.1010, -14.4510

Conversions

Conversions Part 2

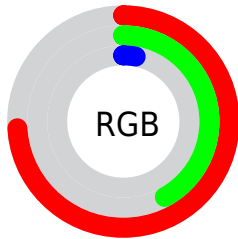
Format	Color
R_{YB}	150, 188, 7
Decimal	12348423
CIE Lab	53.42, 25.94, 59.55
CIE LCh	53, 64.954, 66.465
Yxy	21.4318, 0.5173, 0.4241
Android (android.graphics.Color)	4290538503 (0xFFBC6C07)
YUV	120.4060, -55.9092, 59.2799
Hunter-Lab	46.2945, 19.7736, 28.6152

Details

The YUV color **120.4060, -55.9092, 59.2799** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **74.5940, 55.9092, -59.2799**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4220, -53.4520, 64.5279**, and **73.4920, -36.2316, 47.8035** is the 20% darker color. If you saturate the color by 10%, you get **117.8470, -58.0986, 61.5242**, and if you desaturate by 10%, it is **127.2680, -49.9251, 53.2620**.

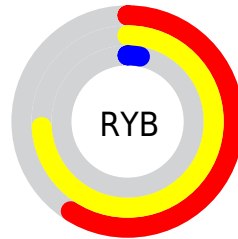
Distribution



Red (74%)

Green (42%)

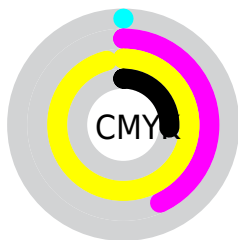
Blue (3%)



Red (59%)

Yellow (74%)

Blue (3%)

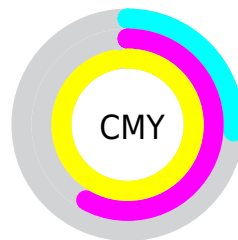


Cyan (0%)

Magenta (43%)

Yellow (96%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.4060, -55.9092, 59.2799 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 120.4060, -55.9092, 59.2799 by changing the saturation by 10% instead.


 120.4060,
-55.9092, 59.2799


 120.4060,
-55.9092, 59.2799


255.0000, 0.0000,
0.0000


 95.9630, -47.3098,
54.4064


 176.4220,
-53.4520, 64.5279


 73.4920, -36.2316,
47.8035


 196.7300,
-50.6459, 51.1028

 51.3200, -25.3008,
41.8154

 216.2440,
-46.9553, 33.9890

 29.4470, -14.5174,
36.4420

 235.7580,
-43.2647, 16.8752

 13.4550, -6.6333,
27.6650

 245.8800,
-34.9438, 7.9982

 0.0000, 0.0000,
0.0000

 249.1860,

-22.2767, 5.0989

■ 252.3780,
-10.0464, 2.2995

■ 120.4060,
-55.9092, 59.2799

■ 120.4060,
-55.9092, 59.2799

■ 117.8470,
-58.0986, 61.5242

■ 127.2680,
-49.9251, 53.2620

■ 134.7170,
-44.2305, 46.7292

■ 141.4650,
-38.6832, 40.8112

■ 148.3270,
-32.6992, 34.7932

■ 155.7760,
-27.0046, 28.2604

■ 162.6380,
-21.0205, 22.2425

■ 169.5000,
-15.0365, 16.2245

■ 176.2480, -9.4893,
10.3065

■ 183.6970, -3.7946,
3.7737

Harmonies

Analogous

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



120.6120, -27.9097, 85.4093



120.4060, -55.9092, 59.2799



118.1810, -58.2632, 20.8893

Triad

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



120.4060, -55.9092, 59.2799



105.6570, 16.4381, -92.6612



130.4180, 43.1779, 11.0344

Complementary

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



120.4060, -55.9092, 59.2799



74.5940, 55.9092, -59.2799

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.



104.2570, 66.9213, -91.4334



120.4060, -55.9092, 59.2799



111.2260, 40.3146, -97.5452

Square

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



120.4060, -55.9092, 59.2799



97.1700, -8.4648, -85.2181



111.3350, 58.5018, -97.6408



127.3790, 22.4912, 66.3196

Rectangle

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



120.4060, -55.9092, 59.2799



112.9880, -55.7031, -7.0055



111.3350, 58.5018, -97.6408



127.3870, 50.0952, -14.3714

Sweetspot

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



120.4060, -55.9092, 59.2799



218.1220, -21.7521, 23.5720



70.3530, 8.7000, 103.1764



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.



120.4060, -55.9092, 59.2799



153.6740, -75.7613, 80.0929



164.6750, -77.7338, 12.5630



90.6260, -2.7736, 2.9590



98.8980, -48.7567, 51.8325



19.2480, -9.4893, 10.3065

Inverse Universe

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



74.5940, 55.9092, -59.2799



91.3260, 75.7613, -80.0929



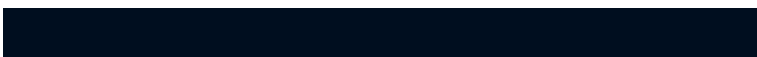
30.3250, 77.7338, -12.5630



88.3740, 2.7736, -2.9590



59.1020, 48.7567, -51.8325



11.7520, 9.4893, -10.3065

Previews

White Background



This preview shows how the YUV color 120.4060, -55.9092, 59.2799 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 120.4060, -55.9092, 59.2799 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 120.4060, -55.9092, 59.2799

Background



This preview shows how black text looks on a background with the YUV color 120.4060, -55.9092, 59.2799.



This preview shows how white text looks on a background with the YUV color 120.4060, -55.9092, 59.2799.

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

120.4060, -55.9092, 59.2799

Protanopia

120.9020, -51.7167, 21.1339

Deuteranopia

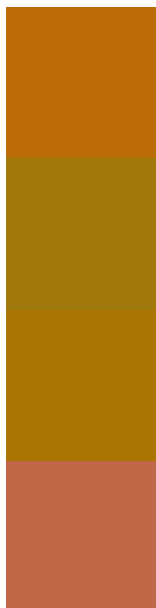
120.0520, -59.1856, 36.7884



Tritanopia

128.4200, -10.0671, 55.7597

Trichromacy



Original Color

120.4060, -55.9092, 59.2799

Protanomaly

120.6480, -53.0705, 35.3887

Deuteranomaly

120.1500, -57.7549, 44.5955

Tritanomaly

125.6640, -26.9494, 57.2997

Monochromacy



Original Color

120.4060, -55.9092, 59.2799

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.4530, -20.4363, 21.5277

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4060, -55.9092, 59.2799 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, 108, 7)` looks like.

```
.text, #text, p{  
    color:rgb(188, 108, 7)  
}
```

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, 108, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 108, 7) }
```

Border

The CSS property to change the border of an element to YUV 120.4060, -55.9092, 59.2799 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, 108, 7) }
```


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

```
.border{ border-color:rgb(188, 108, 7) }
```

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

Here you see how a box with a 4 pixel rgb(188, 108, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 108, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 108, 7);  
box-shadow:4px 4px 4px 4px rgb(188, 108,  
7) }
```

Background

The CSS property to change the background color of an element to YUV 120.4060, -55.9092, 59.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 108, 7) }
```

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

```
.background{ background-color: rgb(188,  
108, 7) }
```

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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