

Converting Colors

YUV(122.0870, -58.7099,
70.9607)

Have a look what the booklet for
YUV(122.0870, -58.7099, 70.9607)
contains.

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Color

**YUV(122.0870, -58.7099,
70.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6803
RGB	203, 104, 3
RGB Percent	80%, 41%, 1%
CMY	0.2039, 0.5922, 0.9882
CMYK	0.00, 0.49, 0.99, 0.20
HSL	30°, 97%, 40%
HSV	30°, 99%, 80%
XYZ	29.5954, 22.6037, 2.8893
YIQ	122.0870, 91.4250, -10.4230

Conversions

Conversions Part 2

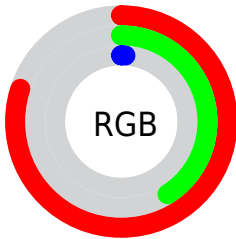
Format	Color
RYB	199, 203, 3
Decimal	13330435
CIELab	54.66, 34.32, 62.18
CIELCh	55, 71.019, 61.104
Yxy	22.6037, 0.5372, 0.4103
Android (android.graphics.Color)	4291520515 (0xFFCB6803)
YUV	122.0870, -58.7099, 70.9607
Hunter-Lab	47.5434, 27.9139, 29.6772

Details

The YUV color **122.0870, -58.7099, 70.9607** 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 **83.9130, 58.7099, -70.9607**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3410, -53.9051, 69.8609**, and **74.1560, -36.5589, 59.4992** is the 20% darker color. If you saturate the color by 10%, you get **121.1580, -59.7309, 71.7754**, and if you desaturate by 10%, it is **130.2370, -52.8678, 63.8132**.

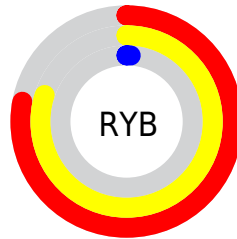
Distribution



Red (80%)

Green (41%)

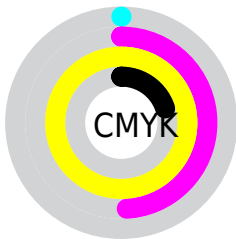
Blue (1%)



Red (78%)

Yellow (80%)

Blue (1%)

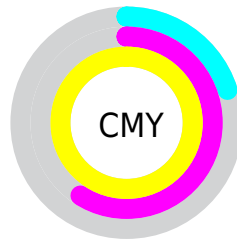


Cyan (0%)

Magenta (49%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (59%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.0870, -58.7099, 70.9607 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 122.0870, -58.7099, 70.9607 by changing the saturation by 10% instead.

122.0870,
-58.7099, 70.9607

122.0870,
-58.7099, 70.9607

255.0000, 0.0000,
0.0000

97.8010, -48.2159,
65.0725

175.3410,
-53.9051, 69.8609

74.1560, -36.5589,
59.4992

194.8550,
-50.2145, 52.7472

51.0980, -25.1913,
53.4111

214.2550,
-46.9607, 35.7334

25.6920, -12.6662,
49.3821

233.7690,
-43.2701, 18.6196

16.4450, -8.1074,
33.8127

245.7660,
-35.3806, 8.0982


7.2900, -3.1010,
14.6547


248.9580,


0.0000, 0.0000,


-23.1503, 5.2988


0.0000


 252.2640,
-10.4832, 2.3995

 122.0870,
-58.7099, 70.9607

 122.0870,
-58.7099, 70.9607


 121.1580,
-59.7309, 71.7754

 130.2370,
-52.8678, 63.8132

 138.5010,
-46.5890, 56.5656

 146.6510,
-40.7469, 49.4181

 154.8010,
-34.9049, 42.2705

 163.0650,
-28.6260, 35.0230

■ 171.2150,
-22.7840, 27.8754

■ 179.3650,
-16.9419, 20.7279

■ 187.5150,
-11.0999, 13.5803

■ 195.7790, -4.8210,
6.3328

Harmonies

Analogous

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



121.1990, -24.7481, 98.0495



122.0870, -58.7099, 70.9607



122.3670, -60.3269, 29.4961

Triad

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



122.0870, -58.7099, 70.9607



107.6800, 11.4968, -94.4354



131.9200, 51.8044, -2.5608

Complementary

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



122.0870, -58.7099, 70.9607



83.9130, 58.7099, -70.9607

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.



110.0760, 71.4475, -96.5367



122.0870, -58.7099, 70.9607



114.7480, 38.5782, -100.6340

Square

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



122.0870, -58.7099, 70.9607



98.0360, -15.3007, -85.9776



116.3560, 59.9705, -102.0442



130.6160, 29.7693, 65.2348

Rectangle

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



122.0870, -58.7099, 70.9607



117.4510, -57.9033, -1.2725



116.3560, 59.9705, -102.0442



125.4750, 59.9118, -36.3736

Sweetspot

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



122.0870, -58.7099, 70.9607



224.0300, -22.1998, 27.1607



74.2000, 14.1984, 112.9576



109.2550, -13.4367, 16.4394



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.



122.0870, -58.7099, 70.9607



151.9680, -74.9202, 90.3591



180.2000, -87.3596, 19.9956



97.9250, -2.9210, 3.5738



98.9420, -48.7784, 58.8099



22.5150, -11.0999, 13.5803

Inverse Universe

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



83.9130, 58.7099, -70.9607



103.0320, 74.9202, -90.3591



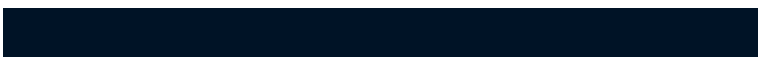
25.8000, 87.3596, -19.9956



96.0750, 2.9210, -3.5738



67.0580, 48.7784, -58.8099



15.4850, 11.0999, -13.5803

Previews

White Background



This preview shows how the YUV color 122.0870, -58.7099, 70.9607 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 122.0870, -58.7099, 70.9607 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 122.0870, -58.7099, 70.9607

Background



This preview shows how black text looks on a background with the YUV color 122.0870, -58.7099, 70.9607.



This preview shows how white text looks on a background with the YUV color 122.0870, -58.7099, 70.9607.

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

122.0870, -58.7099, 70.9607

Protanopia

123.7880, -52.1535, 21.2339

Deuteranopia

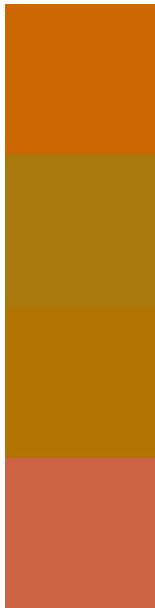
123.0090, -60.6434, 37.7031



Tritanopia

130.2750, -13.4466, 66.4108

Trichromacy



Original Color

122.0870, -58.7099, 70.9607

Protanomaly

123.3280, -54.3917, 39.1773

Deuteranomaly

122.3140, -59.8078, 49.7136

Tritanomaly

127.6330, -29.8921, 67.8509

Monochromacy



Original Color

122.0870, -58.7099, 70.9607

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.6600, -21.0314, 25.7312

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0870, -58.7099, 70.9607 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(203, 104, 3)` looks like.

```
.text, #text, p{  
    color:rgb(203, 104, 3)  
}
```

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(203, 104, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 104, 3) }
```

Border

The CSS property to change the border of an element to YUV 122.0870, -58.7099, 70.9607 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(203, 104, 3) }
```


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

```
.border{ border-color:rgb(203, 104, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 104, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 104, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 104, 3);  
box-shadow:4px 4px 4px 4px rgb(203, 104,  
3) }
```

Background

The CSS property to change the background color of an element to YUV 122.0870, -58.7099, 70.9607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 104, 3) }
```

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

```
.background{ background-color: rgb(203,  
104, 3) }
```

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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