

Converting Colors

YUV(121.9880, -38.4481,
58.7695)

Have a look what the booklet for
YUV(121.9880, -38.4481, 58.7695)
contains.

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Color

**YUV(121.9880, -38.4481,
58.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	BD672C
RGB	189, 103, 44
RGB Percent	74%, 40%, 17%
CMY	0.2588, 0.5961, 0.8275
CMYK	0.00, 0.46, 0.77, 0.26
HSL	24°, 62%, 46%
HSV	24°, 77%, 74%
XYZ	26.2911, 20.7012, 4.9929
YIQ	121.9880, 70.1950, -0.1170

Conversions

Conversions Part 2

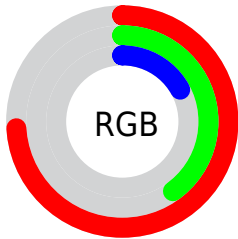
Format	Color
R _Y B	189, 143, 44
Decimal	12412716
CIE Lab	52.62, 30.00, 46.73
CIE LCh	53, 55.529, 57.296
Yxy	20.7012, 0.5057, 0.3982
Android (android.graphics.Color)	4290602796 (0xFFBD672C)
YUV	121.9880, -38.4481, 58.7695
Hunter-Lab	45.4985, 23.5231, 25.3426

Details

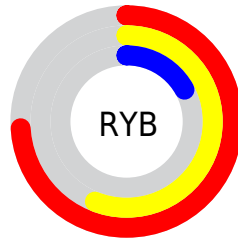
The YUV color **121.9880, -38.4481, 58.7695** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **111.0120, 38.4481, -58.7695**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.3370, -41.0851, 64.6025**, and **70.5680, -34.7900, 52.1219** is the 20% darker color. If you saturate the color by 10%, you get **113.3650, -43.5639, 66.3319**, and if you desaturate by 10%, it is **130.6110, -33.3322, 51.2072**.

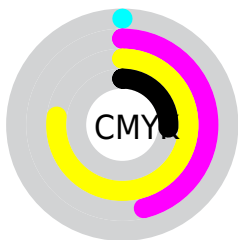
Distribution



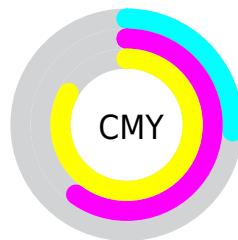
- Red (74%)
- Green (40%)
- Blue (17%)



- Red (74%)
- Yellow (56%)
- Blue (17%)



- Cyan (0%)
- Magenta (46%)
- Yellow (77%)
- Black (26%)





- Cyan (26%)
- Magenta (60%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.9880, -38.4481, 58.7695 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 121.9880, -38.4481, 58.7695 by changing the saturation by 10% instead.


 121.9880,
-38.4481, 58.7695


 121.9880,
-38.4481, 58.7695


255.0000, 0.0000,
0.0000


 95.4930, -37.7110,
55.6956


 176.3370,
-41.0851, 64.6025


 70.5680, -34.7900,
52.1219


 196.6450,
-38.2790, 51.1773

 48.3960, -23.8592,
46.1337

 216.0450,
-35.0252, 34.1635

 24.7620, -12.2077,
42.3047

 236.1460,
-31.6240, 16.5350

 14.0530, -6.9281,
28.8945

 248.7300,
-24.0239, 5.4988

 0.0000, 0.0000,
0.0000

 251.9220,

-11.7935, 2.6994

■ 121.9880,
-38.4481, 58.7695

■ 121.9880,
-38.4481, 58.7695

■ 113.3650,
-43.5639, 66.3319

■ 130.6110,
-33.3322, 51.2072

■ 104.7420,
-48.6798, 73.8943

■ 139.2340,
-28.2164, 43.6448

■ 101.7100,
-50.1430, 76.5533

■ 148.4440,
-23.3899, 35.5676

■ 157.0670,
-18.2740, 28.0052

■ 165.6900,
-13.1582, 20.4429

■ 174.1990, -8.4791,
12.9805

■ 182.8220, -3.3632,
5.4181

■ 192.0320, 1.4632,
-2.6591

■ 200.6550, 6.5791,
-10.2214

Harmonies

Analogous

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



122.0760, -18.2785, 76.2323



121.9880, -38.4481, 58.7695



119.0710, -51.3070, 29.7557

Triad

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



121.9880, -38.4481, 58.7695



100.5560, 9.5859, -88.1876



126.5420, 41.6378, -8.3683

Complementary

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



121.9880, -38.4481, 58.7695



111.0120, 38.4481, -58.7695

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.



102.6780, 58.3327, -90.0486



121.9880, -38.4481, 58.7695



106.0280, 30.5522, -92.9866

Square

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



121.9880, -38.4481, 58.7695



102.7880, -15.6715, -60.3271



107.3110, 48.1607, -94.1117



128.9910, 24.1614, 43.8579

Rectangle

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



121.9880, -38.4481, 58.7695



116.5410, -47.5947, 5.6645



107.3110, 48.1607, -94.1117



121.1800, 47.2393, -31.7299

Sweetspot

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



121.9880, -38.4481, 58.7695



218.5440, -15.0582, 23.2019



97.2730, 16.6274, 80.4446



106.3840, -9.0633, 13.6952



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.



121.9880, -38.4481, 58.7695



140.6920, -59.5012, 91.4781



164.2520, -59.2842, 21.7040



90.0390, -2.4842, 3.4738



84.8100, -41.8113, 64.1876



16.3130, -8.0423, 12.8805

Inverse Universe

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



111.0120, 38.4481, -58.7695



123.7210, 59.7905, -90.9633



68.7480, 59.2842, -21.7040



89.5480, 2.1948, -3.9886



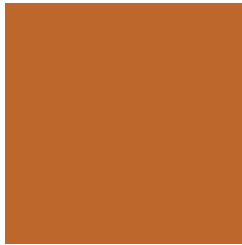
73.1900, 41.8113, -64.1876



14.1000, 8.3317, -12.3657

Previews

White Background



This preview shows how the YUV color 121.9880, -38.4481, 58.7695 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 121.9880, -38.4481, 58.7695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

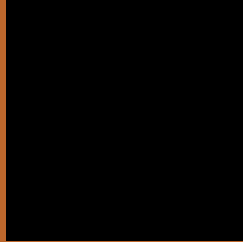
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 121.9880, -38.4481, 58.7695

Background



This preview shows how black text looks on a background with the YUV color 121.9880, -38.4481, 58.7695.



This preview shows how white text looks on a background with the YUV color 121.9880, -38.4481, 58.7695.

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

121.9880, -38.4481, 58.7695

Protanopia

121.8210, -35.4078, 16.8200

Deuteranopia

122.1280, -40.9821, 31.4597



Tritanopia

126.2030, -10.9461, 57.7040

Trichromacy



Original Color

121.9880, -38.4481, 58.7695

Protanomaly

121.9800, -36.4721, 31.5895

Deuteranomaly

122.1230, -39.9936, 41.1111

Tritanomaly

124.5700, -20.9870, 58.2591

Monochromacy



Original Color

121.9880, -38.4481, 58.7695

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8750, -13.7424, 21.1576

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9880, -38.4481, 58.7695 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(189, 103, 44)` looks like.

```
.text, #text, p{  
    color:rgb(189, 103, 44)  
}
```

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(189, 103, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 103, 44) }
```

Border

The CSS property to change the border of an element to YUV 121.9880, -38.4481, 58.7695 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(189, 103, 44) }
```


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

```
.border{ border-color:rgb(189, 103, 44) }
```

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

Here you see how a box with a 4 pixel rgb(189, 103, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 103, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 103, 44);  
box-shadow:4px 4px 4px 4px rgb(189, 103,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 121.9880, -38.4481, 58.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 103, 44) }
```

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

```
.background{ background-color: rgb(189,  
103, 44) }
```

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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