

# Converting Colors

YUV(122.3700, -7.5774,  
50.5415)

Have a look what the booklet for  
YUV(122.3700, -7.5774, 50.5415)  
contains.

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# Color

**YUV(122.3700, -7.5774,  
50.5415)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4606B
RGB	180, 96, 107
RGB Percent	71%, 38%, 42%
CMY	0.2941, 0.6235, 0.5804
CMYK	0.00, 0.47, 0.41, 0.29
HSL	352°, 36%, 54%
HSV	352°, 47%, 71%
XYZ	25.6591, 19.1306, 16.2501
YIQ	122.3700, 46.5330, 21.2290

# Conversions

## Conversions Part 2

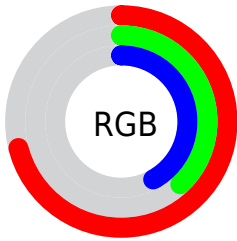
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 96, 107
Decimal	11821163
CIE <sub>Lab</sub>	50.84, 35.05, 9.15
CIE <sub>LCh</sub>	51, 36.224, 14.637
Yxy	19.1306, 0.4204, 0.3134
Android (android.graphics.Color)	4290011243 (0xFFB4606B)
YUV	122.3700, -7.5774, 50.5415
Hunter-Lab	43.7385, 28.1742, 8.5890

# Details

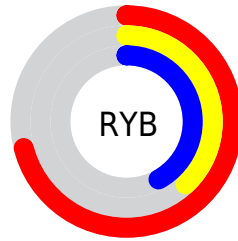
The YUV color **122.3700, -7.5774, 50.5415** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **153.6300, 7.5774, -50.5415**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0500, -8.8986, 54.3302**, and **70.9180, -5.3826, 46.5529** is the 20% darker color. If you saturate the color by 10%, you get **109.9800, -9.3571, 61.4075**, and if you desaturate by 10%, it is **134.7600, -5.7977, 39.6755**.

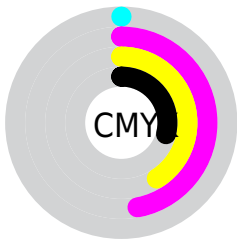
# Distribution



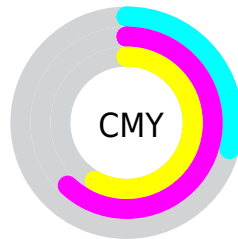
- Red (71%)
- Green (38%)
- Blue (42%)



- Red (71%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (47%)
- Yellow (41%)
- Black (29%)



- Cyan (29%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.3700, -7.5774, 50.5415 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 122.3700, -7.5774, 50.5415 by changing the saturation by 10% instead.




 122.3700, -7.5774,  
50.5415

 122.3700, -7.5774,  
50.5415


255.0000, 0.0000,  
0.0000


 96.5870, -6.6984,  
48.5972


 176.0500, -8.8986,  
54.3302


 70.9180, -5.3826,  
46.5529


 200.0600, -7.4246,  
48.1824

 45.6620, -3.7774,  
45.0234

 219.6880, -3.2972,  
30.9686

 22.9820, -2.4561,  
41.2348

 239.9030, 0.5408,  
13.2401

 14.4660, -6.6387,  
29.4093

 0.0000, 0.0000,  
0.0000

■ 122.3700, -7.5774,  
50.5415

■ 122.3700, -7.5774,  
50.5415

■ 109.9800, -9.3571,  
61.4075

■ 134.7600, -5.7977,  
39.6755

■ 97.7040, -10.7001,  
72.1736

■ 147.0360, -4.4547,  
28.9094

■ 85.3140, -12.4798,  
83.0396

■ 159.4260, -2.6750,  
18.0434

■ 72.9240, -14.2595,  
93.9057

■ 171.8160, -0.8953,  
7.1774

■ 60.6480, -15.6025,  
104.6717

■ 184.0920, 0.4476,  
-3.5887

■ 56.5560, -16.0501,  
108.2604

■ 196.4820, 2.2274,  
-14.4547

■ 208.8720, 4.0071,  
-25.3207

■ 221.1480, 5.3500,

-36.0868

 231.7770, 7.9979,  
-45.4084

# Harmonies

## Analogous

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



124.0880, 6.8586, 40.2648



122.3700, -7.5774, 50.5415



121.1940, -20.8016, 45.4339

# Triad

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



122.3700, -7.5774, 50.5415



113.3570, -18.4170, -19.6071



103.1200, 37.9018, -70.2652

# Complementary

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



122.3700, -7.5774, 50.5415



153.6300, 7.5774, -50.5415

# 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.



97.9410, 32.5671, -85.8943



122.3700, -7.5774, 50.5415



105.1430, -0.5635, -52.7454

# Square

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



122.3700, -7.5774, 50.5415



116.8890, -28.5393, 7.1133



95.9230, 19.7580, -84.1245



119.7890, 30.1770, -19.1090



# Rectangle

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



122.3700, -7.5774, 50.5415



120.1190, -27.1737, 35.8526



95.9230, 19.7580, -84.1245



96.9610, 38.9662, -85.0348

# Sweetspot

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



122.3700, -7.5774, 50.5415



212.3230, -3.1172, 19.8877



127.4030, 25.9303, 36.4806



103.3220, -1.6377, 11.9956



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



122.3700, -7.5774, 50.5415



144.4060, -12.0322, 79.4509



139.3130, -21.3533, 35.6825



82.8050, -0.8899, 5.4330



48.0270, -13.8173, 92.0613



8.1160, -2.5222, 15.6843



# Inverse Universe

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



122.3700, -7.5774, 50.5415



144.4060, -12.0322, 79.4509



136.6870, 21.3533, -35.6825



82.8050, -0.8899, 5.4330



48.0270, -13.8173, 92.0613



8.1160, -2.5222, 15.6843



# Previews

## White Background



This preview shows how the YUV color 122.3700, -7.5774, 50.5415 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

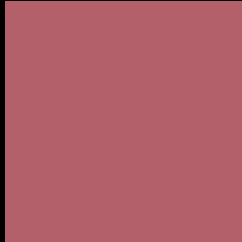
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 122.3700, -7.5774, 50.5415 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

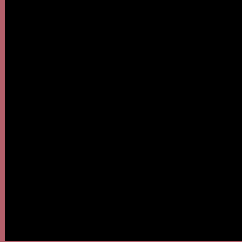
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.3700, -7.5774, 50.5415

## Background



This preview shows how black text looks on a background with the YUV color 122.3700, -7.5774, 50.5415.



This preview shows how white text looks on a background with the YUV color 122.3700, -7.5774,



# 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

122.3700, -7.5774, 50.5415

### Protanopia

121.7830, -0.8790, 1.9443

### Deuteranopia

122.2810, -9.5055, 15.5396



## Tritanopia

122.6150, -9.1772, 50.3266

# Trichromacy



## Original Color

122.3700, -7.5774, 50.5415

## Protanomaly

121.9100, -3.4066, 19.3729

## Deuteranomaly

122.1840, -8.9647, 28.7796

## Tritanomaly

122.7290, -8.7404, 50.2267

# Monochromacy



## Original Color

122.3700, -7.5774, 50.5415

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.4260, -2.6750, 18.0434

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.3700, -7.5774, 50.5415 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(180, 96, 107)` looks like.

```
.text, #text, p{  
    color:rgb(180, 96, 107)  
}
```

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(180, 96, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 96, 107) }
```

## Border

The CSS property to change the border of an element to YUV 122.3700, -7.5774, 50.5415 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(180, 96, 107) }
```



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

```
.border{ border-color:rgb(180, 96, 107) }
```

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

Here you see how a box with a 4 pixel rgb(180, 96, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 96, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 96, 107);  
box-shadow:4px 4px 4px 4px rgb(180, 96,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 122.3700, -7.5774, 50.5415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 96, 107) }
```

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

```
.background{ background-color: rgb(180, 96,  
107) }
```

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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