

# Converting Colors

YUV(124.7180, -8.7350,  
48.4823)

Have a look what the booklet for  
YUV(124.7180, -8.7350, 48.4823)  
contains.

<b>YUV(124.7180, -8.7350, 48.4823)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(124.7180, -8.7350,  
48.4823)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B4646B</a>
RGB	<a href="#">180, 100, 107</a>
RGB Percent	<a href="#">71%, 39%, 42%</a>
CMY	<a href="#">0.2941, 0.6078, 0.5804</a>
CMYK	<a href="#">0.00, 0.44, 0.41, 0.29</a>
HSL	<a href="#">355°, 35%, 55%</a>
HSV	<a href="#">355°, 44%, 71%</a>
XYZ	<a href="#">26.0334, 19.8792, 16.3749</a>
YIQ	<a href="#">124.7180, 45.4330, 19.1370</a>

# Conversions

## Conversions Part 2

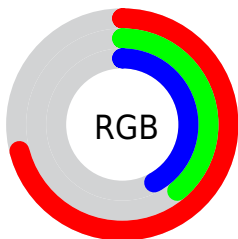
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 100, 107
Decimal	11822187
CIE Lab	51.70, 32.90, 10.37
CIE LCh	52, 34.497, 17.489
Yxy	19.8792, 0.4180, 0.3192
Android (android.graphics.Color)	4290012267 (0xFFB4646B)
YUV	124.7180, -8.7350, 48.4823
Hunter-Lab	44.5861, 26.1989, 9.4352

# Details

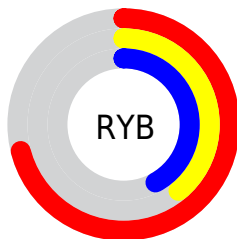
The YUV color **124.7180, -8.7350, 48.4823** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **155.2820, 8.7350, -48.4823**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3980, -10.0562, 52.2710**, and **73.8530, -6.8295, 43.9789** is the 20% darker color. If you saturate the color by 10%, you get **112.3280, -10.5147, 59.3483**, and if you desaturate by 10%, it is **137.1080, -6.9552, 37.6163**.

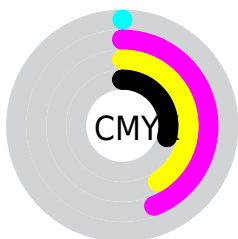
# Distribution



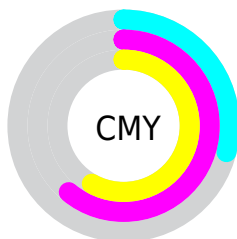
- Red (71%)
- Green (39%)
- Blue (42%)



- Red (71%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (44%)
- Yellow (41%)
- Black (29%)




- Cyan (29%)
- Magenta (61%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 124.7180, -8.7350, 48.4823 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 124.7180, -8.7350, 48.4823 by changing the saturation by 10% instead.





 124.7180, -8.7350,  
48.4823


 124.7180, -8.7350,  
48.4823


255.0000, 0.0000,  
0.0000


 98.9350, -7.8560,  
46.5380


 178.3980,  
-10.0562, 52.2710


 73.8530, -6.8295,  
43.9789


 202.4080, -8.5821,  
46.1232


 48.5970, -5.2243,  
42.4494

 222.0360, -4.4547,  
28.9094

 23.2810, -2.6035,  
41.8496

 242.2510, -0.6167,  
11.1809

 14.4660, -6.6387,  
29.4093

 0.0000, 0.0000,  
0.0000

124.7180, -8.7350,  
48.4823

124.7180, -8.7350,  
48.4823

112.3280,  
-10.5147, 59.3483

137.1080, -6.9552,  
37.6163

99.8240, -12.7312,  
70.3144

149.6120, -4.7387,  
26.6503

87.4340, -14.5110,  
81.1804

162.0020, -2.9590,  
15.7842

74.9300, -16.7275,  
92.1464

174.5060, -0.7425,  
4.8182

62.5400, -18.5072,  
103.0124

186.8960, 1.0373,  
-6.0478

55.6440, -19.5445,  
109.0602

199.4000, 3.2538,  
-17.0138

211.7900, 5.0335,  
-27.8798

224.1800, 6.8133,

-38.7459

 232.5750, 11.0555,  
-46.1083

# Harmonies

## Analogous

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



126.3330, 5.2588, 40.0500



124.7180, -8.7350, 48.4823



123.4710, -20.9382, 42.5599

# Triad

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



124.7180, -8.7350, 48.4823



115.2150, -16.3750, -21.2366



111.1820, 33.9273, -55.4106

# Complementary

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



124.7180, -8.7350, 48.4823



155.2820, 8.7350, -48.4823

# 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.



98.7560, 33.1513, -86.6090



124.7180, -8.7350, 48.4823



107.7840, 0.5995, -52.4306

# Square

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



124.7180, -8.7350, 48.4823



119.3340, -26.7867, 4.9691



97.5530, 20.9264, -85.5540



122.8390, 27.6874, -13.8908



# Rectangle

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



124.7180, -8.7350, 48.4823



122.6240, -26.4366, 32.7788



97.5530, 20.9264, -85.5540



102.1470, 36.9025, -76.4279

# Sweetspot

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



124.7180, -8.7350, 48.4823



213.6110, -3.2592, 18.7582



130.6480, 24.3305, 36.2657



104.4960, -2.2165, 10.9660



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.



124.7180, -8.7350, 48.4823



148.6290, -13.6211, 75.7474



142.7040, -21.0531, 32.7086



82.8050, -0.8899, 5.4330



47.2290, -16.8749, 92.7612



8.0020, -2.9590, 15.7842



# Inverse Universe

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



124.7180, -8.7350, 48.4823



148.6290, -13.6211, 75.7474



137.2960, 21.0531, -32.7086



82.8050, -0.8899, 5.4330



47.2290, -16.8749, 92.7612

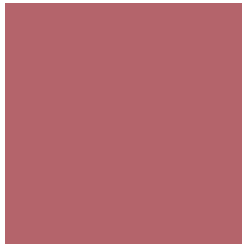


8.0020, -2.9590, 15.7842



# Previews

## White Background



This preview shows how the YUV color 124.7180, -8.7350, 48.4823 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

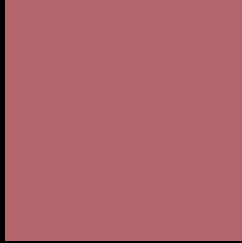
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 124.7180, -8.7350, 48.4823 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 124.7180, -8.7350, 48.4823

## Background



This preview shows how black text looks on a background with the YUV color 124.7180, -8.7350, 48.4823.



This preview shows how white text looks on a background with the YUV color 124.7180, -8.7350,



# 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

124.7180, -8.7350, 48.4823

### Protanopia

123.7400, -2.3368, 2.8590

### Deuteranopia

124.4660, -10.0897, 16.2543



## Tritanopia

124.7180, -8.7350, 48.4823

# Trichromacy



## Original Color

124.7180, -8.7350, 48.4823

## Protanomaly

124.2690, -4.5696, 19.0581

## Deuteranomaly

124.3580, -9.5435, 27.7500

## Tritanomaly

124.7180, -8.7350, 48.4823

# Monochromacy



## Original Color

124.7180, -8.7350, 48.4823

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.8990, -3.4012, 17.6286

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.7180, -8.7350, 48.4823 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, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(180, 100, 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, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 100, 107) }
```

## Border

The CSS property to change the border of an element to YUV 124.7180, -8.7350, 48.4823 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, 100, 107) }
```



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

```
.border{ border-color:rgb(180, 100, 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, 100, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(180, 100,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 124.7180, -8.7350, 48.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 100, 107) }
```

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

```
.background{ background-color: rgb(180,  
100, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor