

# Converting Colors

YUV(121.9460, -7.8614,  
48.2824)

Have a look what the booklet for  
YUV(121.9460, -7.8614, 48.2824)  
contains.

<b>YUV(121.9460, -7.8614, 48.2824)</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(121.9460, -7.8614,  
48.2824)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B1616A
RGB	177, 97, 106
RGB Percent	69%, 38%, 42%
CMY	0.3059, 0.6196, 0.5843
CMYK	0.00, 0.45, 0.40, 0.31
HSL	353°, 34%, 54%
HSV	353°, 45%, 69%
XYZ	25.0077, 18.9371, 15.9728
YIQ	121.9460, 44.7910, 19.7590

# Conversions

## Conversions Part 2

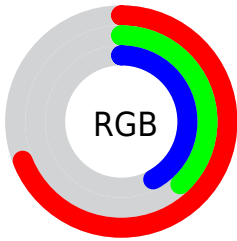
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 97, 106
Decimal	11624810
CIE <sub>Lab</sub>	50.61, 33.26, 9.37
CIE <sub>LCh</sub>	51, 34.559, 15.733
Yxy	18.9371, 0.4174, 0.3161
Android (android.graphics.Color)	4289814890 (0xFFB1616A)
YUV	121.9460, -7.8614, 48.2824
Hunter-Lab	43.5168, 26.4237, 8.6993

# Details

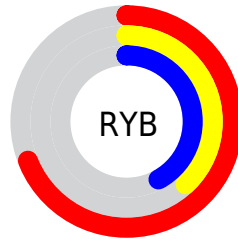
The YUV color **121.9460, -7.8614, 48.2824** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **152.0540, 7.8614, -48.2824**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6260, -9.1826, 52.0710**, and **71.0810, -5.9559, 43.7790** is the 20% darker color. If you saturate the color by 10%, you get **109.5560, -9.6411, 59.1484**, and if you desaturate by 10%, it is **134.3360, -6.0816, 37.4163**.

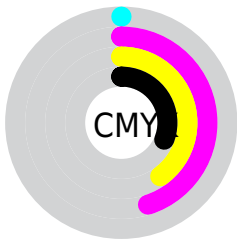
# Distribution



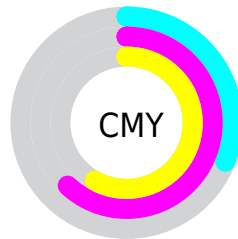
- Red (69%)
- Green (38%)
- Blue (42%)



- Red (69%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (31%)



- Cyan (31%)
- Magenta (62%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.9460, -7.8614, 48.2824 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 121.9460, -7.8614, 48.2824 by changing the saturation by 10% instead.



■ 121.9460, -7.8614,  
48.2824

■ 121.9460, -7.8614,  
48.2824

■ 255.0000, 0.0000,  
0.0000

■ 96.1630, -6.9824,  
46.3380

■ 175.6260, -9.1826,  
52.0710

■ 71.0810, -5.9559,  
43.7790

■ 200.5330, -8.1508,  
47.7676

■ 45.8250, -4.3507,  
42.2495

■ 220.1610, -4.0234,  
30.5538

■ 22.2700, -2.5981,  
40.1052

■ 240.3760, -0.1854,  
12.8252

■ 13.8680, -6.3439,  
28.1798

■ 0.0000, 0.0000,  
0.0000

121.9460, -7.8614,  
48.2824

121.9460, -7.8614,  
48.2824

109.5560, -9.6411,  
59.1484

134.3360, -6.0816,  
37.4163

97.8670, -11.2734,  
69.3996

146.0250, -4.4493,  
27.1651

85.4770, -13.0532,  
80.2657

158.4150, -2.6696,  
16.2990

73.0870, -14.8329,  
91.1317

170.8050, -0.8899,  
5.4330

60.6970, -16.6126,  
101.9977

183.1950, 0.8899,  
-5.4330

55.2030, -17.3551,  
106.8160

194.8840, 2.5222,  
-15.6843

207.2740, 4.3019,  
-26.5503

219.6640, 6.0816,

-37.4163

■ 230.7660, 8.0034,  
-47.1528

# Harmonies

## Analogous

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



123.2620, 6.2798, 39.2352



121.9460, -7.8614, 48.2824



120.9980, -20.2120, 42.9748

# Triad

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



121.9460, -7.8614, 48.2824



112.6990, -17.1066, -19.9070



106.9750, 34.5223, -59.6141

# Complementary

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



121.9460, -7.8614, 48.2824



152.0540, 7.8614, -48.2824

# 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.



97.1260, 31.9829, -85.1795



121.9460, -7.8614, 48.2824



105.5670, -0.2795, -50.4863

# Square

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



121.9460, -7.8614, 48.2824



116.9320, -27.0815, 6.1986



95.2220, 19.6106, -83.5097



119.6430, 28.2770, -16.3499



# Rectangle

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



121.9460, -7.8614, 48.2824



119.4500, -25.8578, 33.8084



95.2220, 19.6106, -83.5097



96.1460, 38.3820, -84.3200

# Sweetspot

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



121.9460, -7.8614, 48.2824



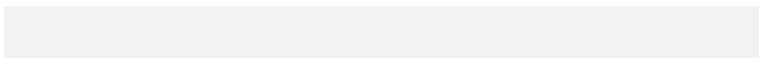
207.3230, -3.1172, 19.8877



127.3490, 24.4779, 35.6509



101.2080, -2.0745, 12.0956



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



121.9460, -7.8614, 48.2824



144.6720, -12.1633, 74.8327



139.1170, -20.7637, 33.2234



82.8050, -0.8899, 5.4330



47.6850, -15.1277, 92.3613



8.1160, -2.5222, 15.6843



# Inverse Universe

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



121.9460, -7.8614, 48.2824



144.6720, -12.1633, 74.8327



134.8830, 20.7637, -33.2234



82.8050, -0.8899, 5.4330



47.6850, -15.1277, 92.3613

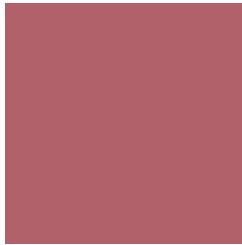


8.1160, -2.5222, 15.6843



# Previews

## White Background



This preview shows how the YUV color 121.9460, -7.8614, 48.2824 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 121.9460, -7.8614, 48.2824 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

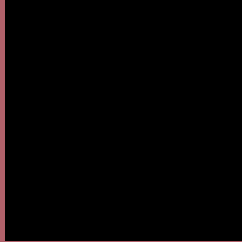
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.9460, -7.8614, 48.2824

## Background



This preview shows how black text looks on a background with the YUV color 121.9460, -7.8614, 48.2824.



This preview shows how white text looks on a background with the YUV color 121.9460, -7.8614,



# 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

121.9460, -7.8614, 48.2824

### Protanopia

120.9680, -1.4632, 2.6591

### Deuteranopia

121.3950, -9.0687, 15.4396



## Tritanopia

121.7180, -8.7350, 48.4823

# Trichromacy



## Original Color

121.9460, -7.8614, 48.2824

## Protanomaly

121.4970, -3.6960, 18.8581

## Deuteranomaly

121.5860, -8.6699, 27.5501

## Tritanomaly

121.8320, -8.2982, 48.3823

# Monochromacy



## Original Color

121.9460, -7.8614, 48.2824

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.0130, -2.9644, 17.5286

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.9460, -7.8614, 48.2824 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(177, 97, 106)` looks like.

```
.text, #text, p{  
    color:rgb(177, 97, 106)  
}
```

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(177, 97, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 97, 106) }
```

## Border

The CSS property to change the border of an element to YUV 121.9460, -7.8614, 48.2824 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(177, 97, 106) }
```



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

```
.border{ border-color:rgb(177, 97, 106) }
```

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

Here you see how a box with a 4 pixel rgb(177, 97, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 97, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 97, 106);  
box-shadow:4px 4px 4px 4px rgb(177, 97,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 121.9460, -7.8614, 48.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 97, 106) }
```

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

```
.background{ background-color: rgb(177, 97,  
106) }
```

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