

# Converting Colors

YUV(135.5700, -4.2250,  
48.6121)

Have a look what the booklet for  
YUV(135.5700, -4.2250, 48.6121)  
contains.

<b>YUV(135.5700, -4.2250, 48.6121)</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(135.5700, -4.2250,  
48.6121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BF6D7F
RGB	191, 109, 127
RGB Percent	75%, 43%, 50%
CMY	0.2510, 0.5725, 0.5020
CMYK	0.00, 0.43, 0.34, 0.25
HSL	347°, 39%, 59%
HSV	347°, 43%, 75%
XYZ	30.7853, 23.5460, 23.0009
YIQ	135.5700, 43.0940, 22.9820

# Conversions

## Conversions Part 2

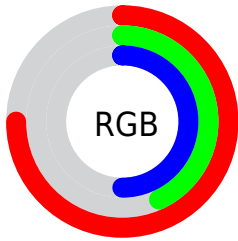
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	191, 109, 127
Decimal	12545407
CIE <sub>Lab</sub>	55.63, 34.63, 4.39
CIE <sub>LCh</sub>	56, 34.903, 7.222
Yxy	23.5460, 0.3981, 0.3045
Android (android.graphics.Color)	4290735487 (0xFFBF6D7F)
YUV	135.5700, -4.2250, 48.6121
Hunter-Lab	48.5242, 28.3287, 5.8629

# Details

The YUV color **135.5700, -4.2250, 48.6121** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **164.4300, 4.2250, -48.6121**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0650, -4.9620, 51.6860**, and **83.8900, -2.9038, 44.8235** is the 20% darker color. If you saturate the color by 10%, you get **122.7070, -5.2786, 59.8930**, and if you desaturate by 10%, it is **148.4330, -3.1715, 37.3313**.

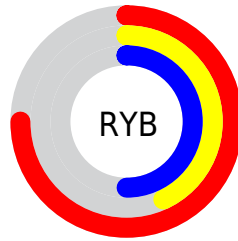
# Distribution



Red (75%)

Green (43%)

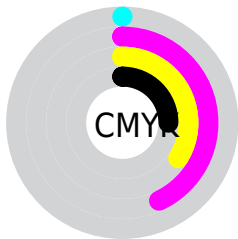
Blue (50%)



Red (75%)

Yellow (43%)

Blue (50%)

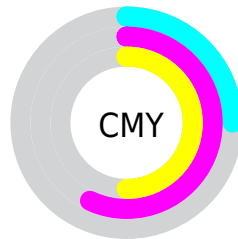


Cyan (0%)

Magenta (43%)

Yellow (34%)

Black (25%)



Cyan (25%)

Magenta (57%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.5700, -4.2250, 48.6121 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 135.5700, -4.2250, 48.6121 by changing the saturation by 10% instead.




 135.5700, -4.2250,  
48.6121


 135.5700, -4.2250,  
48.6121


255.0000, 0.0000,  
0.0000


 109.6730, -3.7828,  
46.7678


 190.0650, -4.9620,  
51.6860


 83.8900, -2.9038,  
44.8235


 210.7860, -1.8665,  
38.7757


 58.5200, -1.7354,  
43.3940

 231.0010, 1.9715,  
21.0471

 31.9160, 1.0274,  
43.9237

 249.7170, 2.6045,  
4.6332

 18.1120, -3.0132,  
33.2278

 8.7850, -3.8380,  
17.7286

 0.0000, 0.0000,

0.0000

■ 135.5700, -4.2250,  
48.6121

■ 135.5700, -4.2250,  
48.6121

■ 122.7070, -5.2786,  
59.8930

■ 148.4330, -3.1715,  
37.3313

■ 109.8440, -6.3321,  
71.1738

■ 161.2960, -2.1179,  
26.0504

■ 96.9810, -7.3856,  
82.4547

■ 174.1590, -1.0644,  
14.7696

■ 84.1180, -8.4392,  
93.7355

■ 187.0220, -0.0108,  
3.4887

■ 70.6680, -9.2033,  
105.5312

■ 199.8850, 1.0427,  
-7.7921

■ 61.8970, -9.8092,  
113.2233

■ 213.2210, 1.3700,  
-19.4878

■ 226.0840, 2.4236,  
-30.7687

■ 234.8380, 5.5029,  
-38.4459

■ 235.8640, 9.4340,  
-39.3457

# Harmonies

## Analogous

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



137.1520, 9.7851, 34.9467



135.5700, -4.2250, 48.6121



134.3020, -17.8969, 47.0931

# Triad

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



135.5700, -4.2250, 48.6121



126.7170, -21.0595, -12.0298



115.5390, 35.7233, -71.5097

# Complementary

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



135.5700, -4.2250, 48.6121



164.4300, 4.2250, -48.6121

# 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.



106.1420, 30.9890, -93.0865



135.5700, -4.2250, 48.6121



120.8410, -5.8376, -41.0796

# Square

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



135.5700, -4.2250, 48.6121



130.2210, -28.7030, 12.9612



107.0110, 16.2636, -83.3246



130.5600, 30.7829, -26.8011



# Rectangle

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



135.5700, -4.2250, 48.6121



133.4230, -24.8585, 39.9710



107.0110, 16.2636, -83.3246



105.9770, 37.9723, -92.9418

# Sweetspot

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



135.5700, -4.2250, 48.6121



225.3660, -1.6594, 18.9730



137.1850, 26.5308, 30.5328



111.4360, -1.2009, 11.8956



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



135.5700, -4.2250, 48.6121



160.4640, -6.6378, 75.8921



146.4320, -18.4540, 39.0861



87.9190, -0.4531, 5.3330



51.2320, -8.0024, 93.6355



10.0670, -1.5120, 18.3582



# Inverse Universe

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



135.5700, -4.2250, 48.6121



160.4640, -6.6378, 75.8921



153.5680, 18.4540, -39.0861



87.9190, -0.4531, 5.3330



51.2320, -8.0024, 93.6355



10.0670, -1.5120, 18.3582



# Previews

## White Background



This preview shows how the YUV color 135.5700, -4.2250, 48.6121 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 135.5700, -4.2250, 48.6121 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

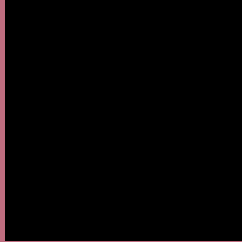
Any Text WCAG AA ✓ Pass

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 135.5700, -4.2250, 48.6121 Background



This preview shows how black text looks on a background with the YUV color 135.5700, -4.2250, 48.6121.



This preview shows how white text looks on a background with the YUV color 135.5700, -4.2250,



# 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

135.5700, -4.2250, 48.6121

### Protanopia

134.2110, 3.3470, -0.1850

### Deuteranopia

134.7090, -5.2795, 13.4102



## Tritanopia

134.9460, -7.8614, 48.2824

# Trichromacy



## Original Color

135.5700, -4.2250, 48.6121

## Protanomaly

134.6370, 0.6720, 17.8584

## Deuteranomaly

135.1990, -5.0281, 26.1355

## Tritanomaly

135.2880, -6.5510, 47.9824

# Monochromacy



## Original Color

135.5700, -4.2250, 48.6121

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

135.7680, -1.3646, 17.7435

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.5700, -4.2250, 48.6121 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(191, 109, 127)` looks like.

```
.text, #text, p{  
    color:rgb(191, 109, 127)  
}
```

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(191, 109, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 109, 127) }
```

## Border

The CSS property to change the border of an element to YUV 135.5700, -4.2250, 48.6121 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(191, 109, 127) }
```



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

```
.border{ border-color:rgb(191, 109, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 109, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 109, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 109, 127);  
box-shadow:4px 4px 4px 4px rgb(191, 109,  
127) }
```

# Background

The CSS property to change the background color of an element to YUV 135.5700, -4.2250, 48.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 109, 127) }
```

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

```
.background{ background-color: rgb(191,  
109, 127) }
```

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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