

# Converting Colors

YUV(135.3450, 3.7739, 49.6864)

Have a look what the booklet for  
YUV(135.3450, 3.7739, 49.6864)  
contains.

<b>YUV(135.3450, 3.7739, 49.6864)</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(135.3450, 3.7739,  
49.6864)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0698F
RGB	192, 105, 143
RGB Percent	75%, 41%, 56%
CMY	0.2471, 0.5882, 0.4392
CMYK	0.00, 0.45, 0.26, 0.25
HSL	334°, 41%, 58%
HSV	334°, 45%, 75%
XYZ	31.7477, 23.2928, 28.8093
YIQ	135.3450, 39.6540, 30.2620

# Conversions

## Conversions Part 2

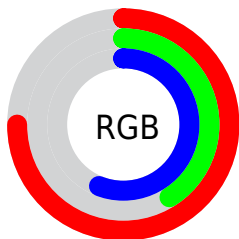
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 105, 143
Decimal	12609935
CIE <sub>Lab</sub>	55.37, 39.28, -5.34
CIE <sub>LCh</sub>	55, 39.640, 352.257
Yxy	23.2928, 0.3786, 0.2778
Android (android.graphics.Color)	4290800015 (0xFFC0698F)
YUV	135.3450, 3.7739, 49.6864
Hunter-Lab	48.2626, 32.9599, -1.6080

# Details

The YUV color **135.3450, 3.7739, 49.6864** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **161.6550, -3.7739, -49.6864**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9540, 3.4737, 52.6603**, and **82.9640, 4.9477, 46.5126** is the 20% darker color. If you saturate the color by 10%, you get **122.9380, 4.4676, 60.5674**, and if you desaturate by 10%, it is **147.7520, 3.0803, 38.8055**.

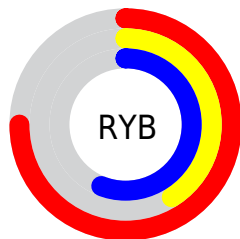
# Distribution



Red (75%)

Green (41%)

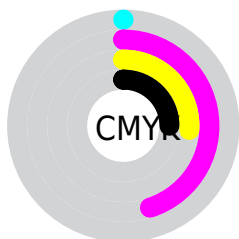
Blue (56%)



Red (75%)

Yellow (41%)

Blue (56%)

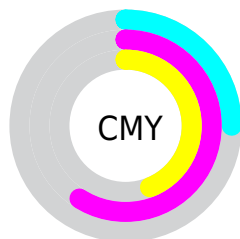


Cyan (0%)

Magenta (45%)

Yellow (26%)

Black (25%)



Cyan (25%)

Magenta (59%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.3450, 3.7739, 49.6864 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 135.3450, 3.7739, 49.6864 by changing the saturation by 10% instead.




 135.3450, 3.7739,  
49.6864

 135.3450, 3.7739,  
49.6864

255.0000, 0.0000,  
0.0000


 108.7470, 4.0687,  
48.4569


 189.9540, 3.4737,  
52.6603


 82.9640, 4.9477,  
46.5126

 211.0770, 6.8640,  
38.5205


 56.8930, 5.9688,  
45.6978

 230.7050, 10.9914,  
21.3067

 30.1750, 8.2947,  
46.3275

 247.9560, 3.4727,  
6.1776

 20.3060, 2.8071,  
33.0576

 9.9810, -4.4276,  
20.1877

 0.0000, 0.0000,

0.0000

■ 135.3450, 3.7739,  
49.6864

■ 135.3450, 3.7739,  
49.6864

■ 122.9380, 4.4676,  
60.5674

■ 147.7520, 3.0803,  
38.8055

■ 110.5310, 5.1612,  
71.4483

■ 160.1590, 2.3866,  
27.9246

■ 97.6510, 6.5811,  
82.7441

■ 173.0390, 0.9668,  
16.6288

■ 85.2440, 7.2747,  
93.6250

■ 185.4460, 0.2731,  
5.7479

■ 72.8370, 7.9684,  
104.5060

■ 197.8530, -0.4205,  
-5.1331

■ 66.9840, 8.3889,  
109.6390

■ 210.2600, -1.1142,  
-16.0140

■ 222.6670, -1.8078,  
-26.8950

■ 233.3130, -1.6333,  
-36.2315

■ 234.4530, 2.7347,  
-37.2313

# Harmonies

## Analogous

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



136.8010, 18.8321, 26.4845



135.3450, 3.7739, 49.6864



133.7360, -12.6878, 56.3595

# Triad

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



135.3450, 3.7739, 49.6864



126.9160, -29.5386, 0.9507



107.4930, 38.7040, -94.2714

# Complementary

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



135.3450, 3.7739, 49.6864



161.6550, -3.7739, -49.6864

# 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.



106.0620, 25.6054, -93.0164



135.3450, 3.7739, 49.6864



121.8610, -16.2005, -30.5731

# Square

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



135.3450, 3.7739, 49.6864



130.4570, -33.2563, 26.7862



108.2370, 6.7852, -76.5068



119.3430, 39.7639, -60.8138



# Rectangle

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



135.3450, 3.7739, 49.6864



132.2980, -21.8389, 51.4817



108.2370, 6.7852, -76.5068



107.1680, 34.9202, -93.9863

# Sweetspot

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



135.3450, 3.7739, 49.6864



227.1750, 1.3927, 20.0175



129.2700, 30.9259, 20.8112



111.3050, 0.8356, 12.0105



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.



135.3450, 3.7739, 49.6864



162.0910, 5.8711, 77.0962



133.3610, -13.9820, 51.4264



90.4460, 0.2731, 5.7479



56.1190, 6.8433, 91.9806



11.4630, 1.2507, 18.8879



# Inverse Universe

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



135.3450, 3.7739, 49.6864



162.0910, 5.8711, 77.0962



163.6390, 13.9820, -51.4264



90.4460, 0.2731, 5.7479



56.1190, 6.8433, 91.9806



11.4630, 1.2507, 18.8879



# Previews

## White Background



This preview shows how the YUV color 135.3450, 3.7739, 49.6864 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

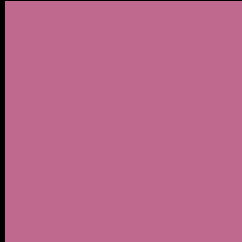
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 135.3450, 3.7739, 49.6864 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

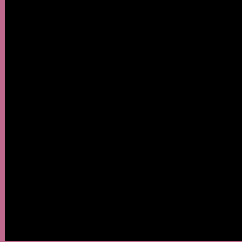
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.3450, 3.7739, 49.6864

## Background



This preview shows how black text looks on a background with the YUV color 135.3450, 3.7739, 49.6864.



This preview shows how white text looks on a background with the YUV color 135.3450, 3.7739,



# 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

135.3450, 3.7739, 49.6864

### Protanopia

133.6970, 12.9674, -5.8733

### Deuteranopia

134.3260, 2.3043, 7.6071



## Tritanopia

134.8320, -8.2982, 48.3823

# Trichromacy



## Original Color

135.3450, 3.7739, 49.6864

## Protanomaly

134.3190, 9.7027, 14.6292

## Deuteranomaly

134.5390, 2.6923, 23.2063

## Tritanomaly

134.9830, -3.9356, 49.1269

# Monochromacy



## Original Color

135.3450, 3.7739, 49.6864

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.1640, 1.3981, 18.2732

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.3450, 3.7739, 49.6864 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(192, 105, 143)` looks like.

```
.text, #text, p{  
    color:rgb(192, 105, 143)  
}
```

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(192, 105, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 105, 143) }
```

## Border

The CSS property to change the border of an element to YUV 135.3450, 3.7739, 49.6864 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(192, 105, 143) }
```



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

```
.border{ border-color:rgb(192, 105, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 105, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 105, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 105, 143); box-shadow:4px 4px 4px 4px rgb(192, 105, 143) }
```

# Background

The CSS property to change the background color of an element to YUV 135.3450, 3.7739, 49.6864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 105, 143) }
```

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

```
.background{ background-color: rgb(192,  
105, 143) }
```

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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