

# Converting Colors

YUV(65.3450, 3.7739, 49.6864)

Have a look what the booklet for  
YUV(65.3450, 3.7739, 49.6864)  
contains.

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# Color

**YUV(65.3450, 3.7739,  
49.6864)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A2349
RGB	122, 35, 73
RGB Percent	48%, 14%, 29%
CMY	0.5216, 0.8627, 0.7137
CMYK	0.00, 0.71, 0.40, 0.52
HSL	334°, 55%, 31%
HSV	334°, 71%, 48%
XYZ	9.8297, 5.8207, 6.9088
YIQ	65.3450, 39.6540, 30.2620

# Conversions

## Conversions Part 2

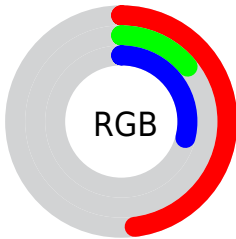
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 35, 73
Decimal	8004425
CIE Lab	28.96, 40.92, -2.26
CIE LCh	29, 40.984, 356.837
Yxy	5.8207, 0.4357, 0.2580
Android (android.graphics.Color)	4286194505 (0xFF7A2349)
YUV	65.3450, 3.7739, 49.6864
Hunter-Lab	24.1261, 30.5055, -0.0900

# Details

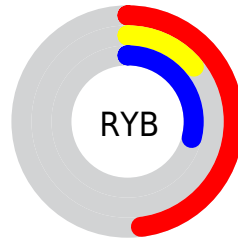
The YUV color **65.3450, 3.7739, 49.6864** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **91.6550, -3.7739, -49.6864**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0850, 1.4371, 52.5455**, and **24.0510, 2.9329, 39.4203** is the 20% darker color. If you saturate the color by 10%, you get **57.5030, 4.1890, 56.5639**, and if you desaturate by 10%, it is **73.1870, 3.3588, 42.8090**.

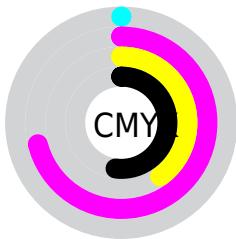
# Distribution



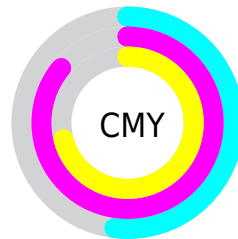
- Red (48%)
- Green (14%)
- Blue (29%)



- Red (48%)
- Yellow (14%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (40%)
- Black (52%)



- Cyan (52%)
- Magenta (86%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 65.3450, 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 65.3450, 3.7739, 49.6864 by changing the saturation by 10% instead.



65.3450, 3.7739,  
49.6864

65.3450, 3.7739,  
49.6864

255.0000, 0.0000,  
0.0000

35.9800, 7.4049,  
51.7605

118.0850, 1.4371,  
52.5455

24.0510, 2.9329,  
39.4203

144.6830, 1.1423,  
53.7750

14.3950, -5.6177,  
28.5946

171.9930, 0.9895,  
56.1341

0.0000, 0.0000,  
0.0000

196.6010, 2.1687,  
51.2159

216.2290, 6.2961,  
34.0022

235.6290, 9.5499,

16.9884

252.6520, 1.1576,  
2.0592

65.3450, 3.7739,  
49.6864

65.3450, 3.7739,  
49.6864

57.5030, 4.1890,  
56.5639

73.1870, 3.3588,  
42.8090

49.6610, 4.6041,  
63.4413

81.0290, 2.9437,  
35.9316

42.5200, 5.1666,  
69.7040

89.4580, 2.2392,  
28.5393

97.1860, 1.3873,  
21.7619

105.0280, 0.9722,  
14.8844

■ 112.8700, 0.5571,  
8.0070

■ 120.7120, 0.1420,  
1.1296

■ 129.1410, -0.5625,  
-6.2627

■ 136.9830, -0.9776,  
-13.1401

# Harmonies

## Analogous

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



69.5410, 16.4953, 29.3435



65.3450, 3.7739, 49.6864



64.4580, -11.0718, 51.3413

# Triad

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



65.3450, 3.7739, 49.6864



60.5840, -29.3749, -4.8972



60.7540, 29.7013, -53.2813

# Complementary

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



65.3450, 3.7739, 49.6864



91.6550, -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.



59.6650, 17.9132, -52.3262



65.3450, 3.7739, 49.6864



50.4940, -9.6105, -44.2832

# Square

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



65.3450, 3.7739, 49.6864



64.4560, -31.7768, 18.8941



55.4300, 4.2250, -48.6121



57.8990, 36.5318, -50.7774



# Rectangle

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



65.3450, 3.7739, 49.6864



65.0690, -21.2330, 43.7895



55.4300, 4.2250, -48.6121



60.5430, 26.3543, -53.0962

# Sweetspot

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



65.3450, 3.7739, 49.6864



136.4630, 1.2507, 18.8879



59.2700, 30.9259, 20.8112



66.0060, 0.9830, 11.3957



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



65.3450, 3.7739, 49.6864



69.5040, 6.1605, 77.6110



63.3610, -13.9820, 51.4264



57.1360, 0.4260, 3.3887



43.6450, 5.5980, 71.3483



87.8880, 10.9012, 143.9262



# Inverse Universe

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



65.3450, 3.7739, 49.6864



69.5040, 6.1605, 77.6110



93.6390, 13.9820, -51.4264



57.1360, 0.4260, 3.3887



43.6450, 5.5980, 71.3483

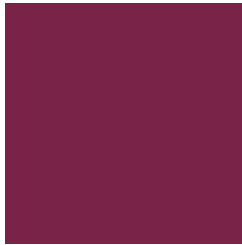


87.8880, 10.9012, 143.9262



# Previews

## White Background



This preview shows how the YUV color 65.3450, 3.7739, 49.6864 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

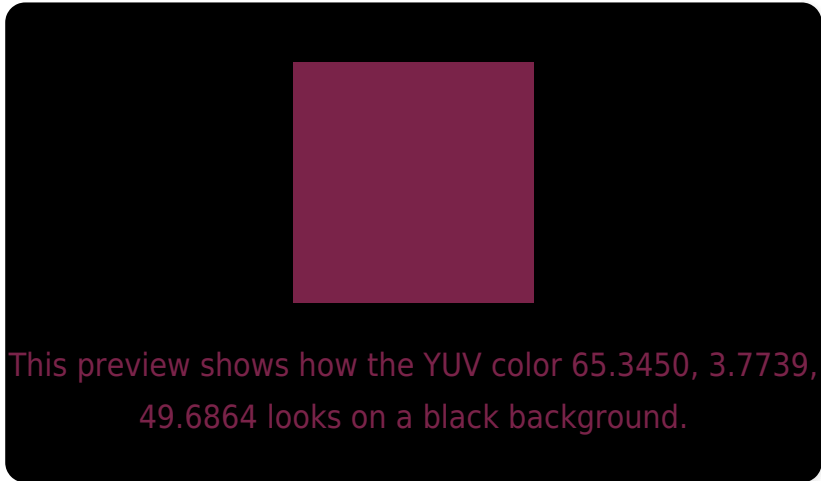
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

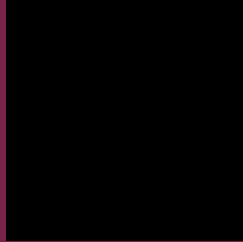
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 65.3450, 3.7739, 49.6864

## Background



This preview shows how black text looks on a background with the YUV color 65.3450, 3.7739, 49.6864.



This preview shows how white text looks on a background with the YUV color 65.3450, 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

65.3450, 3.7739, 49.6864

### Protanopia

69.7570, 11.9518, -6.8029

### Deuteranopia

70.2180, -0.6005, 5.9478



## Tritanopia

65.6640, -10.1874, 47.6527

# Trichromacy



## Original Color

65.3450, 3.7739, 49.6864

## Protanomaly

68.3790, 8.6872, 13.6996

## Deuteranomaly

68.0720, 0.9505, 21.8619

## Tritanomaly

65.3420, -5.0986, 48.8121

# Monochromacy



## Original Color

65.3450, 3.7739, 49.6864

## Achromatopsia

65.0000, 0.0000, 0.0000

## Achromatomaly

65.1640, 1.3981, 18.2732

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 65.3450, 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(122, 35, 73)` looks like.

```
.text, #text, p{  
    color:rgb(122, 35, 73)  
}
```

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(122, 35, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 35, 73) }
```

## Border

The CSS property to change the border of an element to YUV 65.3450, 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(122, 35, 73) }
```



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

```
.border{ border-color:rgb(122, 35, 73) }
```

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

Here you see how a box with a 4 pixel rgb(122, 35, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 35, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 35, 73);  
box-shadow:4px 4px 4px 4px rgb(122, 35,  
73) }
```

# Background

The CSS property to change the background color of an element to YUV 65.3450, 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(122, 35, 73) }
```

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

```
.background{ background-color: rgb(122, 35,  
73) }
```

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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