

# Converting Colors

YUV(52.5310, 38.6852, 52.1543)

Have a look what the booklet for  
YUV(52.5310, 38.6852, 52.1543)  
contains.

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# Color

**YUV(52.5310, 38.6852,  
52.1543)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	700783
RGB	112, 7, 131
RGB Percent	44%, 3%, 51%
CMY	0.5608, 0.9725, 0.4863
CMYK	0.15, 0.95, 0.00, 0.49
HSL	291°, 90%, 27%
HSV	291°, 95%, 51%
XYZ	10.8548, 5.2354, 21.9111
YIQ	52.5310, 22.7760, 60.8240

# Conversions

## Conversions Part 2

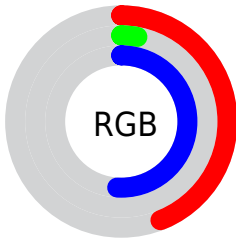
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 7, 131
Decimal	7341955
CIE <sub>Lab</sub>	27.40, 55.54, -42.38
CIE <sub>LCh</sub>	27, 69.861, 322.652
Yxy	5.2354, 0.2856, 0.1378
Android (android.graphics.Color)	4285532035 (0xFF700783)
YUV	52.5310, 38.6852, 52.1543
Hunter-Lab	22.8810, 44.6392, -40.7602

# Details

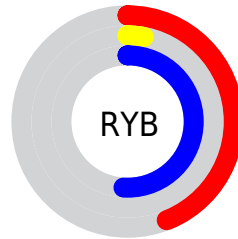
The YUV color **52.5310, 38.6852, 52.1543** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **85.4690, -38.6852, -52.1543**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2870, 35.3545, 47.1063**, and **26.8750, 26.6836, 28.1736** is the 20% darker color. If you saturate the color by 10%, you get **48.1230, 40.8584, 55.1431**, and if you desaturate by 10%, it is **60.7600, 34.6283, 46.6915**.

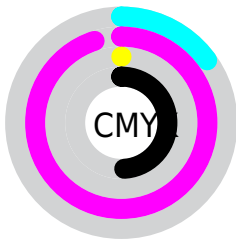
# Distribution



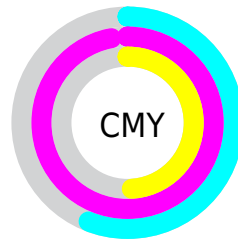
- Red (44%)
- Green (3%)
- Blue (51%)



- Red (44%)
- Yellow (3%)
- Blue (51%)



- Cyan (15%)
- Magenta (95%)
- Yellow (0%)
- Black (49%)



- Cyan (56%)
- Magenta (97%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 52.5310, 38.6852, 52.1543 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 52.5310, 38.6852, 52.1543 by changing the saturation by 10% instead.



■ 52.5310, 38.6852,  
52.1543

■ 52.5310, 38.6852,  
52.1543

■ 255.0000, 0.0000,  
0.0000

■ 37.3850, 33.3342,  
41.7584

■ 113.2870, 35.3545,  
47.1063

■ 26.8750, 26.6836,  
28.1736

■ 140.4120, 35.7859,  
48.7507

■ 16.9630, 19.7382,  
15.8184

■ 168.7110, 35.6385,  
49.3655

■ 4.4630, 14.5617,  
-3.9141

■ 194.8270, 29.6653,  
51.8947


■ 0.9120, 3.4944,  
-0.7998


■ 211.5620, 21.4149,  
38.0951


■ 0.0000, 0.0000,  
0.0000


■ 227.9980, 13.3120,

23.6808

 245.0210, 4.9196,  
8.7516


 52.5310, 38.6852,  
52.1543


 52.5310, 38.6852,  
52.1543


 48.1230, 40.8584,  
55.1431

 60.7600, 34.6283,  
46.6915

 68.9890, 30.5714,  
41.2286

 77.2180, 26.5145,  
35.7658

 85.4470, 22.4576,  
30.3030

 94.2630, 18.1113,  
24.3253

■ 102.4920, 14.0544,  
18.8625

■ 110.7210, 9.9975,  
13.3997

■ 118.9500, 5.9407,  
7.9369

■ 127.1790, 1.8838,  
2.4740

# Harmonies

## Analogous

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



52.3830, 56.0132, -45.9399



52.5310, 38.6852, 52.1543



53.3720, 13.1276, 82.9888

# Triad

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



52.5310, 38.6852, 52.1543



61.2550, -30.1987, 26.0864



61.8650, 21.2656, -54.2556

# Complementary

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



52.5310, 38.6852, 52.1543



85.4690, -38.6852, -52.1543

# 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.



54.8940, -2.9057, -48.1420



52.5310, 38.6852, 52.1543



55.0990, -27.1638, -14.1188

# Square

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



52.5310, 38.6852, 52.1543



52.3600, -25.8135, 66.3363



47.5470, -23.4407, -41.6987



66.5220, 41.6477, -58.3398



# Rectangle

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



52.5310, 38.6852, 52.1543



50.5780, -2.7500, 88.9471



47.5470, -23.4407, -41.6987



59.8130, 13.4032, -52.4560

# Sweetspot

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



52.5310, 38.6852, 52.1543



140.7310, 14.9226, 20.4069



33.4630, 48.0857, -23.2081



67.8950, 9.4188, 12.3701



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



52.5310, 38.6852, 52.1543



62.8490, 53.3184, 72.0464



53.5380, 17.9758, 67.9342



62.1790, 1.8838, 2.4740



47.7100, 40.5690, 54.6283



0.9400, 1.0156, 0.9296



# Inverse Universe

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



46.2420, -9.9793, 74.3328



54.0930, -13.8498, 102.5274



84.4620, -17.9758, -67.9342



61.9080, -0.4476, 3.5887



41.1500, -10.4269, 77.9214



0.8970, -0.4422, 1.8443



# Previews

## White Background



This preview shows how the YUV color 52.5310, 38.6852, 52.1543 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



This preview shows how the YUV color 52.5310, 38.6852, 52.1543 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

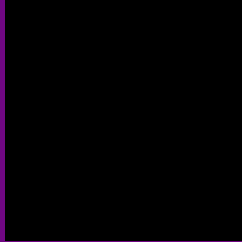
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 52.5310, 38.6852, 52.1543

## Background



This preview shows how black text looks on a background with the YUV color 52.5310, 38.6852, 52.1543.



This preview shows how white text looks on a background with the YUV color 52.5310, 38.6852,



# 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

52.5310, 38.6852, 52.1543

### Protanopia

53.7730, 41.0309, -47.1589

### Deuteranopia

54.2970, 32.8846, -47.6185



## Tritanopia

67.2920, -6.0600, 30.4389

# Trichromacy



## Original Color

52.5310, 38.6852, 52.1543



## Protanomaly

53.4770, 40.1908, -10.9423



## Deuteranomaly

53.5110, 35.2441, -10.9721



## Tritanomaly

62.2880, 10.2110, 38.3354

# Monochromacy



## Original Color

52.5310, 38.6852, 52.1543



## Achromatopsia

53.0000, 0.0000, 0.0000



## Achromatomaly

52.4920, 14.0544, 18.8625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 52.5310, 38.6852, 52.1543 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(112, 7, 131)` looks like.

```
.text, #text, p{  
    color:rgb(112, 7, 131)  
}
```

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(112, 7, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 7, 131) }
```

## Border

The CSS property to change the border of an element to YUV 52.5310, 38.6852, 52.1543 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(112, 7, 131) }
```



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

```
.border{ border-color:rgb(112, 7, 131) }
```

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

Here you see how a box with a 4 pixel rgb(112, 7, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 7, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 7, 131);  
box-shadow:4px 4px 4px 4px rgb(112, 7,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 52.5310, 38.6852, 52.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 7, 131) }
```

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

```
.background{ background-color: rgb(112, 7,  
131) }
```

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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