

# Converting Colors

YUV(60.8890, 45.9037, 70.2573)

Have a look what the booklet for  
YUV(60.8890, 45.9037, 70.2573)  
contains.

<b>YUV(60.8890, 45.9037, 70.2573)</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(60.8890, 45.9037,  
70.2573)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D029A
RGB	141, 2, 154
RGB Percent	55%, 1%, 60%
CMY	0.4471, 0.9922, 0.3961
CMYK	0.08, 0.99, 0.00, 0.40
HSL	295°, 97%, 31%
HSV	295°, 99%, 60%
XYZ	16.8389, 8.0392, 31.2361
YIQ	60.8890, 34.0520, 76.7400

# Conversions

## Conversions Part 2

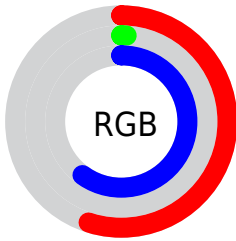
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 2, 154
Decimal	9241242
CIELab	34.06, 65.03, -45.59
CIElCh	34, 79.414, 324.967
Yxy	8.0392, 0.3001, 0.1433
Android (android.graphics.Color)	4287431322 (0xFF8D029A)
YUV	60.8890, 45.9037, 70.2573
Hunter-Lab	28.3535, 56.3911, -45.4702

# Details

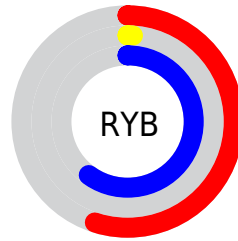
The YUV color **60.8890, 45.9037, 70.2573** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **95.1110, -45.9037, -70.2573**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2270, 39.8211, 61.1909**, and **37.3420, 31.8764, 42.6731** is the 20% darker color. If you saturate the color by 10%, you get **59.7150, 46.4825, 71.2869**, and if you desaturate by 10%, it is **69.9930, 41.4155, 63.1501**.

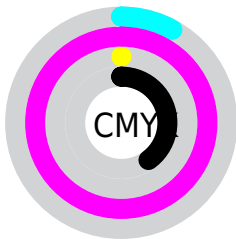
# Distribution



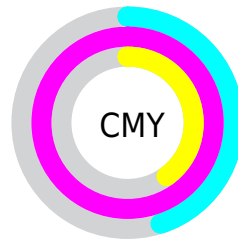
- Red (55%)
- Green (1%)
- Blue (60%)



- Red (55%)
- Yellow (1%)
- Blue (60%)



- Cyan (8%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (99%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 60.8890, 45.9037, 70.2573 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 60.8890, 45.9037, 70.2573 by changing the saturation by 10% instead.



60.8890, 45.9037,  
70.2573

60.8890, 45.9037,  
70.2573

255.0000, 0.0000,  
0.0000

48.3790, 39.2532,  
56.6726

128.2270, 39.8211,  
61.1909

37.3420, 31.8764,  
42.6731

157.5260, 39.6737,  
61.8057

26.4190, 24.9364,  
28.5735

183.9730, 35.0163,  
62.2907

15.7240, 18.8701,  
14.2741

200.4090, 26.9134,  
47.8763

4.7080, 12.9620,  
-4.1289

217.4320, 18.5210,  
32.9471

0.2280, 0.8736,  
-0.2000

234.4550, 10.1287,

0.0000, 0.0000,

18.0180

0.0000

251.4780, 1.7363,  
3.0888

60.8890, 45.9037,  
70.2573

60.8890, 45.9037,  
70.2573

59.7150, 46.4825,  
71.2869

69.9930, 41.4155,  
63.1501

79.9830, 36.4904,  
56.1429

89.0870, 32.0021,  
49.0357

98.7780, 27.2244,  
41.4137

108.1810, 22.5888,  
34.9213

■ 117.2850, 18.1005,  
27.8141

■ 126.9760, 13.3228,  
20.1920

■ 136.3790, 8.6872,  
13.6996

■ 146.0700, 3.9095,  
6.0776

# Harmonies

## Analogous

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



62.9610, 66.0812, -55.2168



60.8890, 45.9037, 70.2573



64.2370, 14.6732, 100.6472

# Triad

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



60.8890, 45.9037, 70.2573



75.7300, -37.3349, 28.3008



76.0960, 27.5607, -66.7362

# Complementary

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



60.8890, 45.9037, 70.2573



95.1110, -45.9037, -70.2573

# 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.



68.0990, -0.5418, -59.7228



60.8890, 45.9037, 70.2573



67.1600, -33.1099, -20.3113

# Square

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



60.8890, 45.9037, 70.2573



68.0530, -33.5501, 74.4985



58.1130, -28.6497, -50.9651



80.9640, 51.2897, -71.0054



# Rectangle

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



60.8890, 45.9037, 70.2573



60.7590, -3.8252, 107.2054



58.1130, -28.6497, -50.9651



73.7020, 18.3879, -64.6367

# Sweetspot

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



60.8890, 45.9037, 70.2573



164.2850, 18.1005, 27.8141



28.1330, 62.0524, -22.9186



79.3840, 11.1497, 17.2032



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



60.8890, 45.9037, 70.2573



77.9300, 60.6735, 93.0234



57.8220, 17.3428, 84.3481



72.0050, 2.4625, 3.5036



54.2320, 42.2836, 64.6945



5.0700, 3.9095, 6.0776



# Inverse Universe

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



48.9300, -16.7275, 92.1464



62.0370, -22.2032, 121.8706



98.1780, -17.3428, -84.3481



71.5060, -0.7425, 4.8182



43.2280, -15.3954, 84.8690



4.0010, -1.4795, 7.8921



# Previews

## White Background



This preview shows how the YUV color 60.8890, 45.9037, 70.2573 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

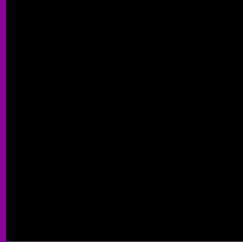
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 60.8890, 45.9037, 70.2573

## Background



This preview shows how black text looks on a background with the YUV color 60.8890, 45.9037, 70.2573.



This preview shows how white text looks on a background with the YUV color 60.8890, 45.9037,



# 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

60.8890, 45.9037, 70.2573

### Protanopia

66.2260, 50.6676, -58.0802

### Deuteranopia

75.1070, 34.4572, -38.6818



## Tritanopia

81.5000, -8.1345, 42.5345

# Trichromacy



## Original Color

60.8890, 45.9037, 70.2573



## Protanomaly

64.4690, 49.0688, -11.8123



## Deuteranomaly

69.7990, 38.5531, 1.0533



## Tritanomaly

74.0170, 11.3306, 52.6051

# Monochromacy



## Original Color

60.8890, 45.9037, 70.2573



## Achromatopsia

61.0000, 0.0000, 0.0000



## Achromatomaly

61.2200, 16.6535, 25.2401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 60.8890, 45.9037, 70.2573 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(141, 2, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 2, 154)  
}
```

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(141, 2, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 2, 154) }
```

## Border

The CSS property to change the border of an element to YUV 60.8890, 45.9037, 70.2573 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(141, 2, 154) }
```



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

```
.border{ border-color:rgb(141, 2, 154) }
```

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

Here you see how a box with a 4 pixel rgb(141, 2, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 2, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 2, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 2,  
154) }
```

# Background

The CSS property to change the background color of an element to YUV 60.8890, 45.9037, 70.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 2, 154) }
```

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

```
.background{ background-color: rgb(141, 2,  
154) }
```

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