

# Converting Colors

YUV(58.3010, 7.2466, 55.8640)

Have a look what the booklet for  
YUV(58.3010, 7.2466, 55.8640)  
contains.

<b>YUV(58.3010, 7.2466, 55.8640)</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(58.3010, 7.2466,  
55.8640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A1749
RGB	122, 23, 73
RGB Percent	48%, 9%, 29%
CMY	0.5216, 0.9098, 0.7137
CMYK	0.00, 0.81, 0.40, 0.52
HSL	330°, 68%, 28%
HSV	330°, 81%, 48%
XYZ	9.5350, 5.2314, 6.8105
YIQ	58.3010, 42.9540, 36.5380

# Conversions

## Conversions Part 2

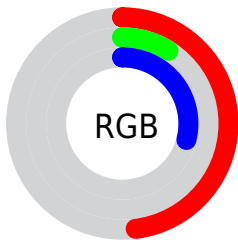
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 23, 73
Decimal	8001353
CIE <sub>Lab</sub>	27.38, 45.33, -4.59
CIE <sub>LCh</sub>	27, 45.557, 354.217
Yxy	5.2314, 0.4419, 0.2425
Android (android.graphics.Color)	4286191433 (0xFF7A1749)
YUV	58.3010, 7.2466, 55.8640
Hunter-Lab	22.8723, 34.3869, -1.6438

# Details

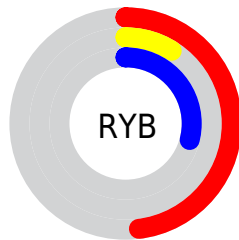
The YUV color **58.3010, 7.2466, 55.8640** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **86.6990, -7.2466, -55.8640**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8020, 4.0416, 57.1786**, and **23.7520, 3.0803, 38.8055** is the 20% darker color. If you saturate the color by 10%, you get **50.5730, 8.0985, 62.6415**, and if you desaturate by 10%, it is **66.0290, 6.3947, 49.0866**.

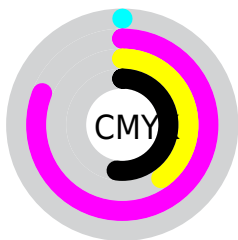
# Distribution



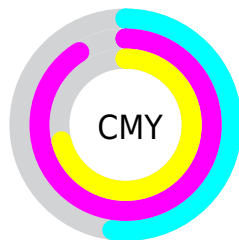
- Red (48%)
- Green (9%)
- Blue (29%)



- Red (48%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (81%)
- Yellow (40%)
- Black (52%)



- Cyan (52%)
- Magenta (91%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 58.3010, 7.2466, 55.8640 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 58.3010, 7.2466, 55.8640 by changing the saturation by 10% instead.



■ 58.3010, 7.2466,  
55.8640

■ 58.3010, 7.2466,  
55.8640

■ 255.0000, 0.0000,  
0.0000

■ 34.2190, 8.2730,  
53.3049

■ 112.8020, 4.0416,  
57.1786

■ 23.7520, 3.0803,  
38.8055

■ 139.6990, 3.5994,  
59.0230

■ 13.9820, -5.9071,  
28.0798

■ 167.2970, 3.3046,  
60.2525


■ 0.0000, 0.0000,  
0.0000


■ 191.9050, 4.4838,  
55.3343


■ 211.5330, 8.6112,  
38.1206

■ 230.9330, 11.8650,


21.1068

 247.9560, 3.4727,  
6.1776


 58.3010, 7.2466,  
55.8640


 58.3010, 7.2466,  
55.8640

 50.5730, 8.0985,  
62.6415


 66.0290, 6.3947,  
49.0866

 43.5460, 9.0978,  
68.8042

 73.7570, 5.5428,  
42.3091

 82.0720, 4.4015,  
35.0169

 89.8000, 3.5496,  
28.2394

 97.5280, 2.6977,  
21.4619

■ 105.2560, 1.8458,  
14.6845

■ 112.9840, 0.9939,  
7.9070

■ 121.2990, -0.1474,  
0.6148

■ 129.0270, -0.9993,  
-6.1627

# Harmonies

## Analogous

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



65.1650, 20.1317, 29.6733



58.3010, 7.2466, 55.8640



57.2570, -9.4937, 58.5336

# Triad

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



58.3010, 7.2466, 55.8640



57.5240, -28.3593, -3.9675



59.5800, 30.2801, -52.2517

# Complementary

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



58.3010, 7.2466, 55.8640



86.6990, -7.2466, -55.8640

# 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.



57.4480, 17.0341, -50.3819



58.3010, 7.2466, 55.8640



47.4790, -13.5471, -41.6391

# Square

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



58.3010, 7.2466, 55.8640



61.5210, -30.3299, 21.4681



52.8710, 2.0356, -46.3679



57.0670, 38.4210, -50.0478



# Rectangle

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



58.3010, 7.2466, 55.8640



59.4010, -21.3967, 49.6373



52.8710, 2.0356, -46.3679



59.2550, 26.4963, -51.9666

# Sweetspot

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



58.3010, 7.2466, 55.8640



133.5280, 2.6977, 21.4619



48.6380, 36.1675, 19.6115



64.2450, 1.8512, 12.9401



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.



58.3010, 7.2466, 55.8640



59.5250, 11.0802, 86.3626



52.8290, -13.7197, 60.6630



57.1360, 0.4260, 3.3887



44.5570, 9.0924, 70.5485



89.9400, 18.7636, 142.1266



# Inverse Universe

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



58.3010, 7.2466, 55.8640



59.5250, 11.0802, 86.3626



92.1710, 13.7197, -60.6630



57.1360, 0.4260, 3.3887



44.5570, 9.0924, 70.5485

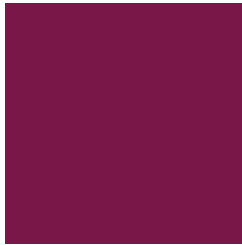


89.9400, 18.7636, 142.1266



# Previews

## White Background



This preview shows how the YUV color 58.3010, 7.2466, 55.8640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

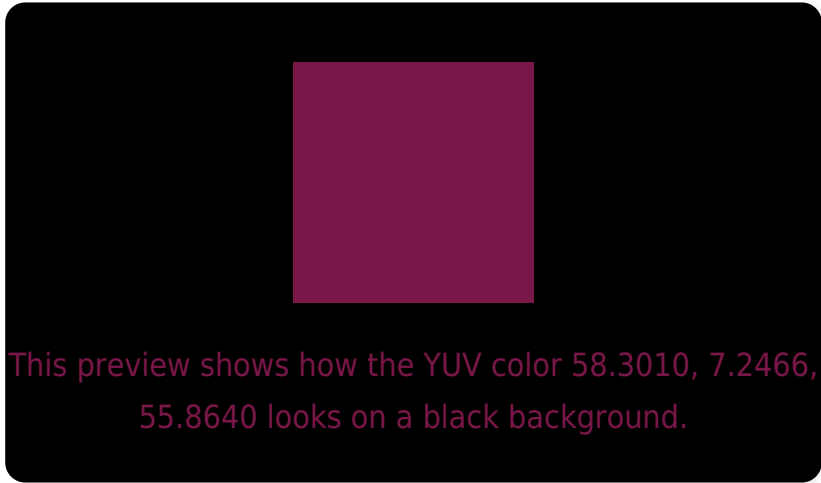
Any Text WCAG AA ✓ Pass

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

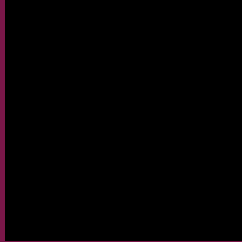
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 58.3010, 7.2466, 55.8640

## Background



This preview shows how black text looks on a background with the YUV color 58.3010, 7.2466, 55.8640.



This preview shows how white text looks on a background with the YUV color 58.3010, 7.2466, 55.8640.



# 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

58.3010, 7.2466, 55.8640

### Protanopia

66.0000, 16.7620, -9.6470

### Deuteranopia

66.8480, 0.5679, 4.5183



## Tritanopia

60.5290, -12.0928, 52.1561

# Trichromacy



## Original Color

58.3010, 7.2466, 55.8640

## Protanomaly

63.2310, 13.1971, 13.8294

## Deuteranomaly

63.6530, 3.1291, 23.1063

## Tritanomaly

59.9620, -5.4043, 53.5303

# Monochromacy



## Original Color

58.3010, 7.2466, 55.8640

## Achromatopsia

58.0000, 0.0000, 0.0000

## Achromatomaly

57.8160, 2.5557, 20.3324

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 58.3010, 7.2466, 55.8640 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, 23, 73)` looks like.

```
.text, #text, p{  
    color:rgb(122, 23, 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, 23, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 23, 73) }
```

## Border

The CSS property to change the border of an element to YUV 58.3010, 7.2466, 55.8640 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, 23, 73) }
```



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

```
.border{ border-color:rgb(122, 23, 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, 23, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 23, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 23, 73);  
box-shadow:4px 4px 4px 4px rgb(122, 23,  
73) }
```

# Background

The CSS property to change the background color of an element to YUV 58.3010, 7.2466, 55.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 23, 73) }
```

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

```
.background{ background-color: rgb(122, 23,  
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](#).

# 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