

Converting Colors

YUV(57.1780, -3.0458, 43.6939)

Have a look what the booklet for
YUV(57.1780, -3.0458, 43.6939)
contains.

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Color

**YUV(57.1780, -3.0458,
43.6939)**

Conversions

Conversions Part 1

Format	Color
Hex	6B2133
RGB	107, 33, 51
RGB Percent	42%, 13%, 20%
CMY	0.5804, 0.8706, 0.8000
CMYK	0.00, 0.69, 0.52, 0.58
HSL	345°, 53%, 27%
HSV	345°, 69%, 42%
XYZ	7.2048, 4.4525, 3.6117
YIQ	57.1780, 38.3260, 21.2860

Conversions

Conversions Part 2

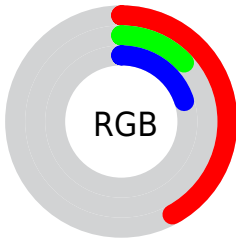
Format	Color
RYB	107, 33, 51
Decimal	7020851
CIELab	25.11, 34.39, 6.63
CIELCh	25, 35.023, 10.906
Yxy	4.4525, 0.4719, 0.2916
Android (android.graphics.Color)	4285210931 (0xFF6B2133)
YUV	57.1780, -3.0458, 43.6939
Hunter-Lab	21.1010, 24.0209, 4.6226

Details

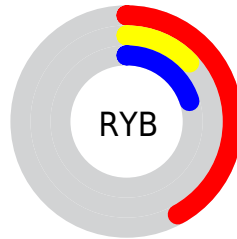
The YUV color **57.1780, -3.0458, 43.6939** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **82.8220, 3.0458, -43.6939**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6300, -5.2406, 47.6825**, and **17.2000, -6.5076, 34.0276** is the 20% darker color. If you saturate the color by 10%, you get **49.8090, -3.3568, 50.1565**, and if you desaturate by 10%, it is **64.5470, -2.7347, 37.2313**.

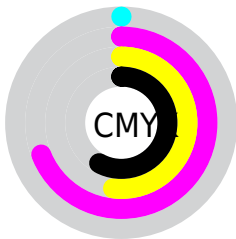
Distribution



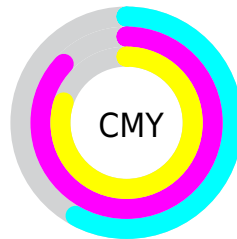
- Red (42%)
- Green (13%)
- Blue (20%)



- Red (42%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (69%)
- Yellow (52%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1780, -3.0458, 43.6939 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 57.1780, -3.0458, 43.6939 by changing the saturation by 10% instead.

■ 57.1780, -3.0458,
43.6939

■ 57.1780, -3.0458,
43.6939

■ 255.0000, 0.0000,
0.0000

■ 30.2750, -0.1356,
43.6088

■ 107.6300, -5.2406,
47.6825

■ 17.2000, -6.5076,
34.0276

■ 134.1140, -5.9722,
49.0120

■ 7.8880, -3.3958,
15.8842

■ 161.0110, -6.4144,
50.8564

■ 0.0000, 0.0000,
0.0000

■ 188.7940, -7.2934,
52.8007

■ 209.6290, -3.7611,
39.7904

■ 229.2570, 0.3663,

22.5766

249.1300, 2.8939,
5.1480

57.1780, -3.0458,
43.6939

57.1780, -3.0458,
43.6939

49.8090, -3.3568,
50.1565

64.5470, -2.7347,
37.2313

43.0270, -3.9573,
56.1043

71.3290, -2.1342,
31.2835

35.6580, -4.2684,
62.5669

78.6980, -1.8231,
24.8209

34.9570, -4.4158,
63.1817

86.0670, -1.5120,
18.3582

92.8490, -0.9116,
12.4104

■ 100.3320, -0.1637,
5.8478

■ 107.7010, 0.1474,
-0.6148

■ 115.0700, 0.4585,
-7.0774

■ 121.8520, 1.0590,
-13.0252

Harmonies

Analogous

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



59.7990, 8.4801, 33.5023



57.1780, -3.0458, 43.6939



57.5290, -15.5438, 39.0011

Triad

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



57.1780, -3.0458, 43.6939



51.3190, -17.4123, -15.1888



51.8690, 28.6586, -45.4891

Complementary

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



57.1780, -3.0458, 43.6939



82.8220, 3.0458, -43.6939

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.



52.3930, 20.5123, -45.9487



57.1780, -3.0458, 43.6939



46.3510, -2.6380, -40.6498

Square

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



57.1780, -3.0458, 43.6939



54.9430, -27.0869, 7.9430



50.1300, 9.3029, -43.9640



52.4840, 29.3414, -31.1195

Rectangle

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



57.1780, -3.0458, 43.6939



56.9380, -22.6474, 30.7494



50.1300, 9.3029, -43.9640



52.5870, 26.3326, -46.1188

Sweetspot

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



57.1780, -3.0458, 43.6939



120.4690, -1.2172, 17.1287



58.1800, 24.0683, 27.0291



59.5390, -0.7587, 10.0513



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



57.1780, -3.0458, 43.6939



61.8760, -4.8689, 68.5147



66.2790, -16.4065, 35.7123



49.9080, -0.4476, 3.5887



38.2890, -4.5795, 69.0295



80.0950, -9.9068, 144.6217

Inverse Universe

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



57.1780, -3.0458, 43.6939



61.8760, -4.8689, 68.5147



74.3080, 16.1172, -36.2271



49.9080, -0.4476, 3.5887



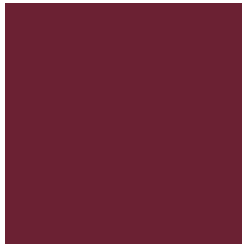
38.2890, -4.5795, 69.0295



80.0950, -9.9068, 144.6217

Previews

White Background



This preview shows how the YUV color 57.1780, -3.0458, 43.6939 looks on a white background.

Color Contrast Check

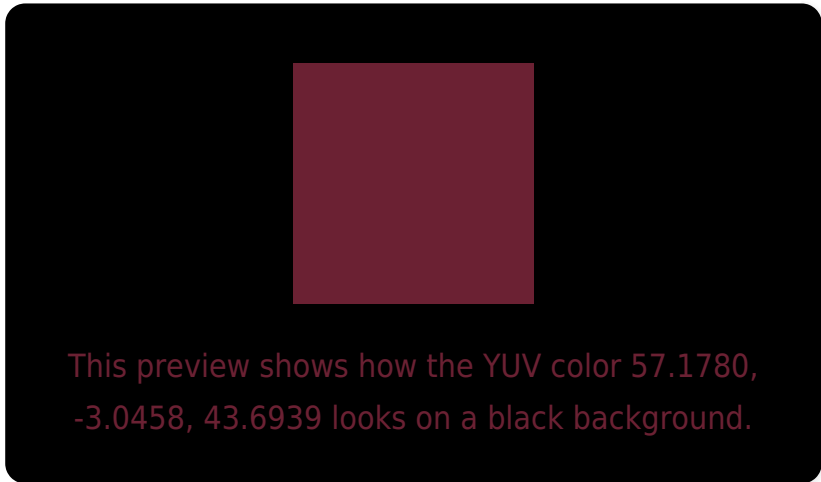
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.1780, -3.0458, 43.6939

Background



This preview shows how black text looks on a background with the YUV color 57.1780, -3.0458, 43.6939.



This preview shows how white text looks on a background with the YUV color 57.1780, -3.0458,

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

57.1780, -3.0458, 43.6939

Protanopia

60.8690, 2.0366, 0.1149

Deuteranopia

60.6330, -6.7211, 9.0919



Tritanopia

57.1580, -9.4449, 42.8344

Trichromacy



Original Color

57.1780, -3.0458, 43.6939

Protanomaly

59.5120, 0.2406, 16.2140

Deuteranomaly

59.3510, -5.5960, 21.6172

Tritanomaly

57.1410, -6.9715, 42.8493

Monochromacy



Original Color

57.1780, -3.0458, 43.6939

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.8710, -0.9224, 15.8991

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1780, -3.0458, 43.6939 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(107, 33, 51)` looks like.

```
.text, #text, p{  
    color:rgb(107, 33, 51)  
}
```

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(107, 33, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 33, 51) }
```

Border

The CSS property to change the border of an element to YUV 57.1780, -3.0458, 43.6939 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(107, 33, 51) }
```


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

```
.border{ border-color:rgb(107, 33, 51) }
```

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

Here you see how a box with a 4 pixel rgb(107, 33, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 33, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 33, 51);  
box-shadow:4px 4px 4px 4px rgb(107, 33,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 57.1780, -3.0458, 43.6939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 33, 51) }
```

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

```
.background{ background-color: rgb(107, 33,  
51) }
```

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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