

Converting Colors

YUV(57.8640, -3.3840, 58.8783)

Have a look what the booklet for
YUV(57.8640, -3.3840, 58.8783)
contains.

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Color

**YUV(57.8640, -3.3840,
58.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	7D1933
RGB	125, 25, 51
RGB Percent	49%, 10%, 20%
CMY	0.5098, 0.9020, 0.8000
CMYK	0.00, 0.80, 0.59, 0.51
HSL	344°, 67%, 29%
HSV	344°, 80%, 49%
XYZ	9.4026, 5.2943, 3.6583
YIQ	57.8640, 51.2540, 29.2860

Conversions

Conversions Part 2

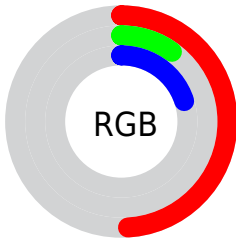
Format	Color
R_{YB}	125, 25, 51
Decimal	8198451
CIE Lab	27.56, 43.50, 10.56
CIE LCh	28, 44.763, 13.648
Yxy	5.2943, 0.5123, 0.2884
Android (android.graphics.Color)	4286388531 (0xFF7D1933)
YUV	57.8640, -3.3840, 58.8783
Hunter-Lab	23.0092, 32.6770, 6.6798

Details

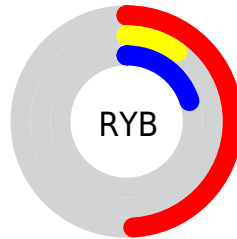
The YUV color **57.8640, -3.3840, 58.8783** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **92.1360, 3.3840, -58.8783**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8490, -7.3206, 61.5224**, and **21.5000, -8.1345, 42.5345** is the 20% darker color. If you saturate the color by 10%, you get **49.2070, -3.5531, 66.4705**, and if you desaturate by 10%, it is **66.5210, -3.2149, 51.2861**.

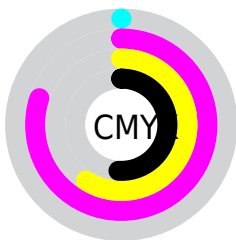
Distribution



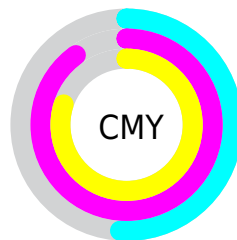
- Red (49%)
- Green (10%)
- Blue (20%)



- Red (49%)
- Yellow (10%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (59%)
- Black (51%)



- Cyan (51%)
- Magenta (90%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8640, -3.3840, 58.8783 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 57.8640, -3.3840, 58.8783 by changing the saturation by 10% instead.

■ 57.8640, -3.3840,
58.8783

■ 57.8640, -3.3840,
58.8783

255.0000, 0.0000,
0.0000

■ 32.4230, -1.1945,
56.6340

■ 111.8490, -7.3206,
61.5224

■ 21.5000, -8.1345,
42.5345

■ 138.9310, -8.3470,
64.0815

■ 13.5690, -6.1965,
27.5650

■ 166.6000, -9.6628,
66.1258

■ 0.0000, 0.0000,
0.0000

■ 189.4140, -7.5991,
57.5189

■ 208.9280, -3.9085,
40.4051

■ 228.5560, 0.2189,

23.1914

248.5430, 3.1833,
5.6628

57.8640, -3.3840,
58.8783

57.8640, -3.3840,
58.8783

49.2070, -3.5531,
66.4705

66.5210, -3.2149,
51.2861

41.1370, -4.0115,
73.5479

74.7050, -2.3196,
44.1087

83.3620, -2.1505,
36.5165

91.4320, -1.6920,
29.4391

99.5020, -1.2335,
22.3617

■ 108.2730, -0.6276,
14.6696

■ 116.9300, -0.4585,
7.0774

■ 125.0000, 0.0000,
0.0000

■ 133.6570, 0.1691,
-7.5922

Harmonies

Analogous

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



61.9840, 11.3469, 47.3720



57.8640, -3.3840, 58.8783



60.2160, -20.8125, 48.9226

Triad

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



57.8640, -3.3840, 58.8783



52.2870, -22.3265, -25.6847



58.3720, 35.8056, -51.1922

Complementary

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



57.8640, -3.3840, 58.8783



92.1360, 3.3840, -58.8783

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.



59.1410, 26.0595, -51.8667



57.8640, -3.3840, 58.8783



51.3890, -3.6428, -45.0682

Square

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



57.8640, -3.3840, 58.8783



59.6500, -29.4074, 5.5690



56.0800, 11.7926, -49.1822



52.6160, 39.1363, -46.1442

Rectangle

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



57.8640, -3.3840, 58.8783



60.7340, -29.9419, 37.0673



56.0800, 11.7926, -49.1822



59.0900, 33.4796, -51.8219

Sweetspot

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



57.8640, -3.3840, 58.8783



136.8010, -1.3809, 22.9765



58.2270, 32.9191, 34.8809



65.8600, -0.9170, 14.1548



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



57.8640, -3.3840, 58.8783



58.2040, -5.5236, 91.9061



68.4010, -21.3967, 49.6373



59.3210, -0.1583, 4.1035



42.0340, -4.4538, 75.3922



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.8640, -3.3840, 58.8783



58.2040, -5.5236, 91.9061



81.5990, 21.3967, -49.6373



59.3210, -0.1583, 4.1035



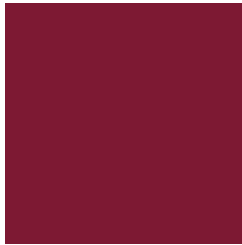
42.0340, -4.4538, 75.3922



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 57.8640, -3.3840, 58.8783 looks on a white background.

Color Contrast Check

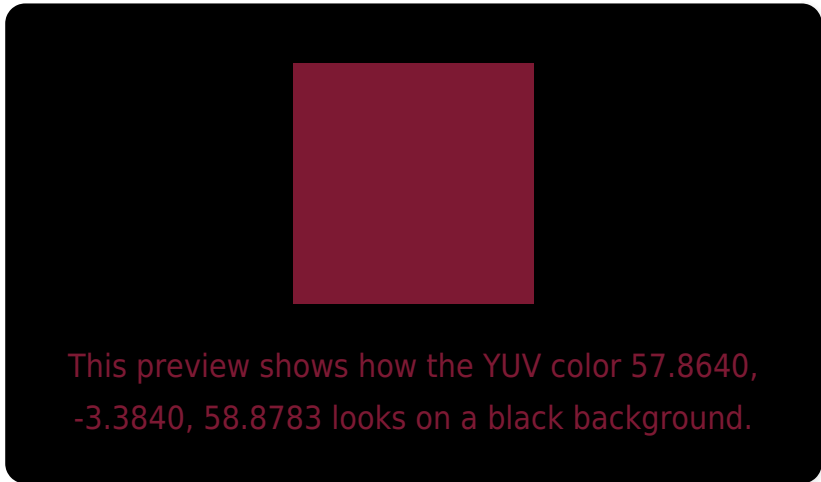
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.8640, -3.3840, 58.8783

Background



This preview shows how black text looks on a background with the YUV color 57.8640, -3.3840, 58.8783.



This preview shows how white text looks on a background with the YUV color 57.8640, -3.3840,

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

57.8640, -3.3840, 58.8783

Protanopia

66.7550, 1.5998, 0.2149

Deuteranopia

66.7320, -10.2209, 11.6360



Tritanopia

58.2200, -13.4195, 57.6891

Trichromacy



Original Color

57.8640, -3.3840, 58.8783

Protanomaly

63.4310, -0.2125, 21.5470

Deuteranomaly

63.5260, -7.6543, 28.4797

Tritanomaly

57.8440, -9.7831, 58.0188

Monochromacy



Original Color

57.8640, -3.3840, 58.8783

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.7900, -1.3755, 21.2322

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8640, -3.3840, 58.8783 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(125, 25, 51)` looks like.

```
.text, #text, p{  
    color:rgb(125, 25, 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(125, 25, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 25, 51) }
```

Border

The CSS property to change the border of an element to YUV 57.8640, -3.3840, 58.8783 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(125, 25, 51) }
```


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

```
.border{ border-color:rgb(125, 25, 51) }
```

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

Here you see how a box with a 4 pixel rgb(125, 25, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 25, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 25, 51);  
box-shadow:4px 4px 4px 4px rgb(125, 25,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 57.8640, -3.3840, 58.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 25, 51) }
```

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

```
.background{ background-color: rgb(125, 25,  
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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