

Converting Colors

YUV(57.9450, -6.3819, 40.3902)

Have a look what the booklet for
YUV(57.9450, -6.3819, 40.3902)
contains.

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Color

**YUV(57.9450, -6.3819,
40.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	68252D
RGB	104, 37, 45
RGB Percent	41%, 15%, 18%
CMY	0.5922, 0.8549, 0.8235
CMYK	0.00, 0.64, 0.57, 0.59
HSL	353°, 48%, 28%
HSV	353°, 64%, 41%
XYZ	6.8441, 4.4557, 2.9819
YIQ	57.9450, 37.3640, 16.6920

Conversions

Conversions Part 2

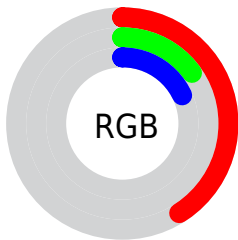
Format	Color
R_{YB}	104, 37, 45
Decimal	6825261
CIE _{Lab}	25.12, 30.76, 10.62
CIE _{LCh}	25, 32.539, 19.046
Yxy	4.4557, 0.4792, 0.3120
Android (android.graphics.Color)	4285015341 (0xFF68252D)
YUV	57.9450, -6.3819, 40.3902
Hunter-Lab	21.1084, 20.9367, 6.4002

Details

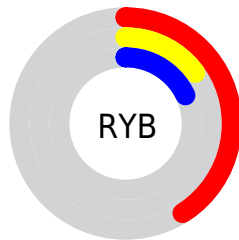
The YUV color **57.9450, -6.3819, 40.3902** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.0550, 6.3819, -40.3902**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6960, -8.7241, 44.9936**, and **15.8470, -7.8126, 32.5832** is the 20% darker color. If you saturate the color by 10%, you get **51.0490, -7.4192, 46.4380**, and if you desaturate by 10%, it is **64.8410, -5.3446, 34.3424**.

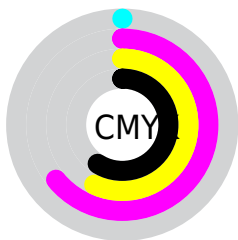
Distribution



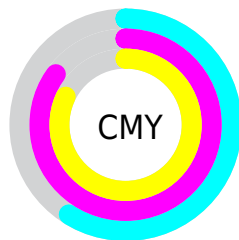
- Red (41%)
- Green (15%)
- Blue (18%)



- Red (41%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (57%)
- Black (59%)



- Cyan (59%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.9450, -6.3819, 40.3902 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 57.9450, -6.3819, 40.3902 by changing the saturation by 10% instead.

■ 57.9450, -6.3819,
40.3902

■ 57.9450, -6.3819,
40.3902

255.0000, 0.0000,
0.0000

■ 33.2160, -4.0505,
39.2756

■ 107.6960, -8.7241,
44.9936

■ 15.8470, -7.8126,
32.5832

■ 134.1800, -9.4557,
46.3231

■ 6.2790, -3.0955,
12.9103

■ 160.3760,
-10.0454, 48.7822

■ 0.0000, 0.0000,
0.0000

■ 187.9740,
-10.3402, 50.0118

■ 210.4780, -8.1237,
39.0458

■ 230.1060, -3.9963,

21.8320

250.3210, -0.1583,
4.1035

57.9450, -6.3819,
40.3902

57.9450, -6.3819,
40.3902

51.0490, -7.4192,
46.4380

64.8410, -5.3446,
34.3424

43.5660, -8.1670,
53.0006

72.3240, -4.5967,
27.7799

36.6700, -9.2043,
59.0484

79.2200, -3.5595,
21.7321

32.4640, -10.0888,
62.7371

86.8170, -2.3748,
15.0695

93.7130, -1.3375,
9.0217

■ 100.6090, -0.3002,
2.9739

■ 108.0920, 0.4476,
-3.5887

■ 114.9880, 1.4849,
-9.6365

■ 122.4710, 2.2328,
-16.1991

Harmonies

Analogous

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



59.3000, 5.2751, 34.8169



57.9450, -6.3819, 40.3902



57.7410, -17.1273, 33.5531

Triad

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



57.9450, -6.3819, 40.3902



50.8390, -12.7386, -20.9068



50.4670, 28.3638, -44.2596

Complementary

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



57.9450, -6.3819, 40.3902



83.0550, 6.3819, -40.3902

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.



52.0340, 21.6752, -45.6338



57.9450, -6.3819, 40.3902



47.2630, 0.8563, -41.4497

Square

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



57.9450, -6.3819, 40.3902



54.8220, -23.5762, 1.9101



50.2270, 12.2131, -44.0491



58.1010, 23.6142, -14.1206

Rectangle

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



57.9450, -6.3819, 40.3902



57.4920, -22.9206, 25.0015



50.2270, 12.2131, -44.0491



51.2990, 26.4746, -44.9892

Sweetspot

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



57.9450, -6.3819, 40.3902



117.2300, -2.0854, 15.5843



61.9800, 20.7159, 28.9585



58.0120, -1.4849, 9.6365



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



57.9450, -6.3819, 40.3902



63.5780, -9.6520, 62.6371



71.7080, -17.1110, 28.3201



47.6090, -0.3002, 2.9739



35.9810, -10.8366, 69.2997



75.6640, -23.0054, 145.8767

Inverse Universe

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



57.9450, -6.3819, 40.3902



63.5780, -9.6520, 62.6371



69.2920, 17.1110, -28.3201



47.6090, -0.3002, 2.9739



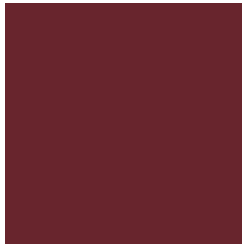
35.9810, -10.8366, 69.2997



75.6640, -23.0054, 145.8767

Previews

White Background



This preview shows how the YUV color 57.9450, -6.3819, 40.3902 looks on a white background.

Color Contrast Check

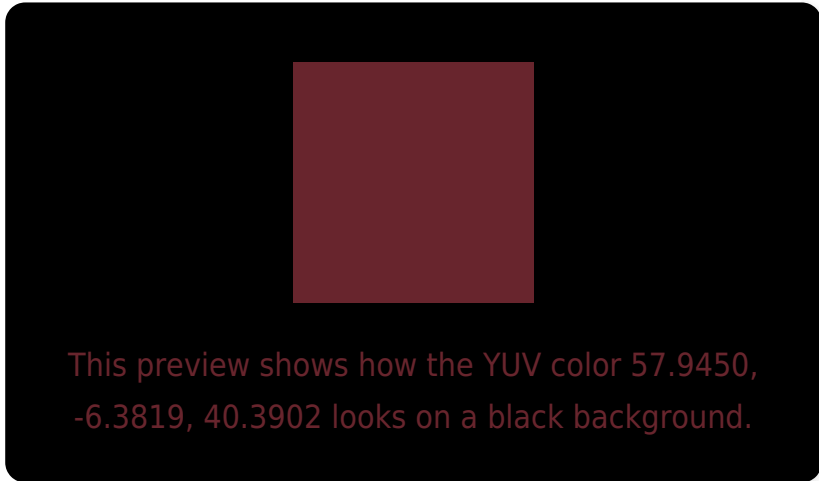
Large Text (above 18pt) WCAG AA ✓ Pass

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

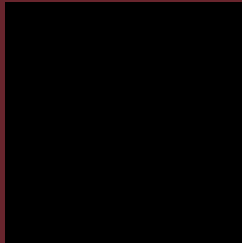
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.9450, -6.3819, 40.3902

Background



This preview shows how black text looks on a background with the YUV color 57.9450, -6.3819, 40.3902.



This preview shows how white text looks on a background with the YUV color 57.9450, -6.3819,

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

57.9450, -6.3819, 40.3902

Protanopia

60.4410, -2.1894, 2.2442

Deuteranopia

60.3620, -9.0525, 10.2065



Tritanopia

57.9620, -8.8553, 40.3753

Trichromacy



Original Color

57.9450, -6.3819, 40.3902

Protanomaly

59.7740, -3.8326, 15.9842

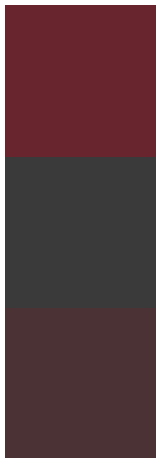
Deuteranomaly

59.3680, -8.0694, 21.6023

Tritanomaly

58.1900, -7.9817, 40.1754

Monochromacy



Original Color

57.9450, -6.3819, 40.3902

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8170, -2.3748, 15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.9450, -6.3819, 40.3902 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(104, 37, 45)` looks like.

```
.text, #text, p{  
    color:rgb(104, 37, 45)  
}
```

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(104, 37, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 37, 45) }
```

Border

The CSS property to change the border of an element to YUV 57.9450, -6.3819, 40.3902 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(104, 37, 45) }
```


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

```
.border{ border-color:rgb(104, 37, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 37, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 37, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 37, 45);  
box-shadow:4px 4px 4px 4px rgb(104, 37,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 57.9450, -6.3819, 40.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 37, 45) }
```

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

```
.background{ background-color: rgb(104, 37,  
45) }
```

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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