

Converting Colors

YUV(63.3640, -8.5605, 39.1458)

Have a look what the booklet for
YUV(63.3640, -8.5605, 39.1458)
contains.

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Color

**YUV(63.3640, -8.5605,
39.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	6C2C2E
RGB	108, 44, 46
RGB Percent	42%, 17%, 18%
CMY	0.5765, 0.8275, 0.8196
CMYK	0.00, 0.59, 0.57, 0.58
HSL	358°, 42%, 30%
HSV	358°, 59%, 42%
XYZ	7.5782, 5.1868, 3.1865
YIQ	63.3640, 37.5020, 14.1900

Conversions

Conversions Part 2

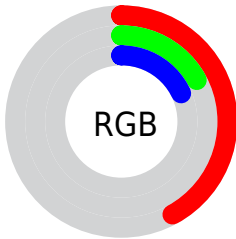
Format	Color
RYB	108, 44, 46
Decimal	7089198
CIELab	27.26, 28.73, 12.95
CIElCh	27, 31.519, 24.266
Yxy	5.1868, 0.4751, 0.3252
Android (android.graphics.Color)	4285279278 (0xFF6C2C2E)
YUV	63.3640, -8.5605, 39.1458
Hunter-Lab	22.7745, 19.5402, 7.6465

Details

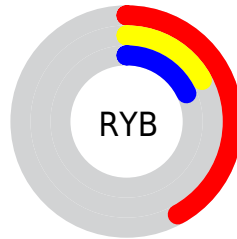
The YUV color **63.3640, -8.5605, 39.1458** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.6360, 8.5605, -39.1458**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2290, -10.4659, 43.6492**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **55.7670, -9.7451, 45.8083**, and if you desaturate by 10%, it is **70.9610, -7.3758, 32.4832**.

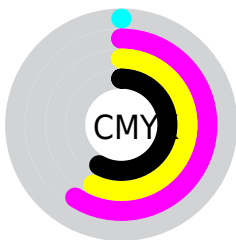
Distribution



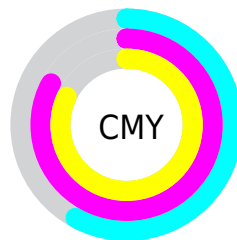
- Red (42%)
- Green (17%)
- Blue (18%)



- Red (42%)
- Yellow (17%)
- Blue (18%)



- Cyan (0%)
- Magenta (59%)
- Yellow (57%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.3640, -8.5605, 39.1458 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 63.3640, -8.5605, 39.1458 by changing the saturation by 10% instead.

■ 63.3640, -8.5605,
39.1458

■ 63.3640, -8.5605,
39.1458

■ 255.0000, 0.0000,
0.0000

■ 39.1080, -6.9552,
37.6163

■ 113.2290,
-10.4659, 43.6492

■ 17.0430, -8.4022,
35.0423

■ 139.0120,
-11.3449, 45.5935

■ 9.3830, -4.1328,
18.9581

■ 166.4960,
-12.0765, 46.9230

■ 0.0000, 0.0000,
0.0000

■ 193.3930,
-12.5187, 48.7673

■ 214.7010, -9.7126,
35.3422

■ 234.3290, -5.5852,

18.1285

254.6580, -1.3104,
0.2999

■ 63.3640, -8.5605,
39.1458

■ 63.3640, -8.5605,
39.1458

■ 55.7670, -9.7451,
45.8083

■ 70.9610, -7.3758,
32.4832

■ 48.0560, -11.3666,
52.5709

■ 78.6720, -5.7543,
25.7207

■ 41.0460, -12.8407,
58.7187

■ 85.6820, -4.2802,
19.5729

■ 33.3350, -14.4622,
65.4812

■ 93.3930, -2.6587,
12.8103

■ 32.6340, -14.6096,
66.0960

■ 100.9900, -1.4741,
6.1478

■ 108.7010, 0.1474,
-0.6148

■ 116.2980, 1.3321,
-7.2773

■ 123.4220, 3.2430,
-13.5251

■ 131.0190, 4.4276,
-20.1877

Harmonies

Analogous

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



64.9150, 2.5069, 36.0315



63.3640, -8.5605, 39.1458



62.9750, -18.7217, 31.5939

Triad

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



63.3640, -8.5605, 39.1458



55.5010, -10.1070, -24.9954



52.6840, 29.2428, -46.2039

Complementary

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



63.3640, -8.5605, 39.1458



88.6360, 8.5605, -39.1458

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.



55.1800, 23.5753, -48.3929



63.3640, -8.5605, 39.1458



51.3380, 3.7774, -45.0234

Square

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



63.3640, -8.5605, 39.1458



59.7830, -21.0920, -1.5637



54.1880, 14.6973, -47.5229



64.6890, 21.8453, -6.7433

Rectangle

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



63.3640, -8.5605, 39.1458



62.7690, -23.0571, 22.1276



54.1880, 14.6973, -47.5229



54.3310, 27.9378, -47.6483

Sweetspot

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



63.3640, -8.5605, 39.1458



122.5890, -3.2484, 15.2694



69.8340, 18.8158, 31.7176



60.4850, -2.2111, 9.2217



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.



63.3640, -8.5605, 39.1458



70.9430, -13.2829, 60.5630



80.7460, -18.1158, 23.9018



49.7940, -0.8844, 3.6887



35.4390, -15.4994, 71.5290



74.1670, -32.6203, 149.8205

Inverse Universe

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



63.3640, -8.5605, 39.1458



70.9430, -13.2829, 60.5630



71.2540, 18.1158, -23.9018



49.7940, -0.8844, 3.6887



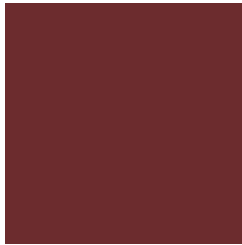
35.4390, -15.4994, 71.5290



74.1670, -32.6203, 149.8205

Previews

White Background



This preview shows how the YUV color 63.3640, -8.5605, 39.1458 looks on a white background.

Color Contrast Check

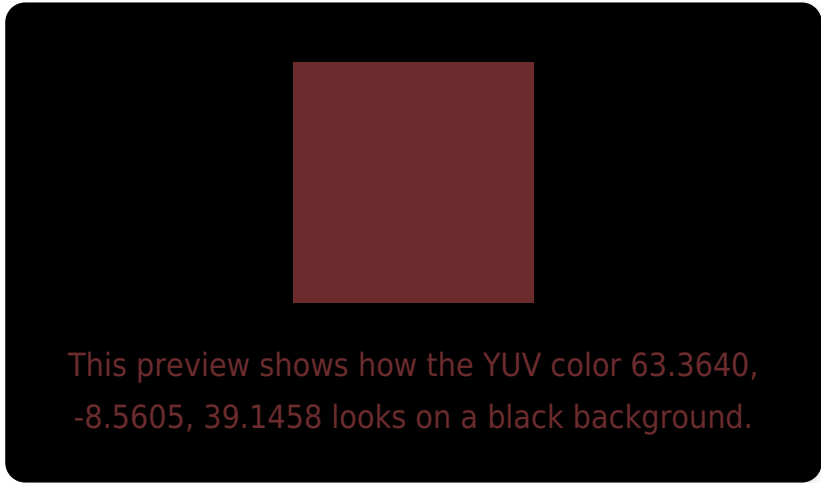
Large Text (above 18pt) WCAG AA ✓ Pass

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

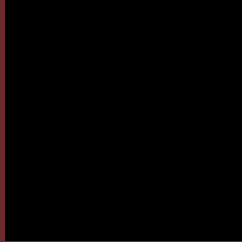
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.3640, -8.5605, 39.1458

Background



This preview shows how black text looks on a background with the YUV color 63.3640, -8.5605, 39.1458.

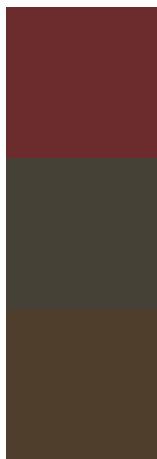


This preview shows how white text looks on a background with the YUV color 63.3640, -8.5605,

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

63.3640, -8.5605, 39.1458

Protanopia

65.0560, -4.9576, 3.4589

Deuteranopia

64.6180, -10.6577, 11.7360



Tritanopia

63.4780, -8.1237, 39.0458

Trichromacy



Original Color

63.3640, -8.5605, 39.1458

Protanomaly

64.2040, -6.0166, 16.4841

Deuteranomaly

63.9120, -9.8166, 22.0022

Tritanomaly

63.4780, -8.1237, 39.0458

Monochromacy



Original Color

63.3640, -8.5605, 39.1458

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9910, -2.9536, 14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.3640, -8.5605, 39.1458 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(108, 44, 46)` looks like.

```
.text, #text, p{  
    color:rgb(108, 44, 46)  
}
```

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(108, 44, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 44, 46) }
```

Border

The CSS property to change the border of an element to YUV 63.3640, -8.5605, 39.1458 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(108, 44, 46) }
```


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

```
.border{ border-color:rgb(108, 44, 46) }
```

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

Here you see how a box with a 4 pixel rgb(108, 44, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 44, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 44, 46);  
box-shadow:4px 4px 4px 4px rgb(108, 44,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 63.3640, -8.5605, 39.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 44, 46) }
```

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

```
.background{ background-color: rgb(108, 44,  
46) }
```

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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