

Converting Colors

YUV(64.4350, -9.5815, 39.9605)

Have a look what the booklet for
YUV(64.4350, -9.5815, 39.9605)
contains.

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Color

**YUV(64.4350, -9.5815,
39.9605)**

Conversions

Conversions Part 1

Format	Color
Hex	6E2D2D
RGB	110, 45, 45
RGB Percent	43%, 18%, 18%
CMY	0.5686, 0.8235, 0.8235
CMYK	0.00, 0.59, 0.59, 0.57
HSL	0°, 42%, 30%
HSV	0°, 59%, 43%
XYZ	7.8424, 5.3812, 3.1080
YIQ	64.4350, 38.7400, 13.7800

Conversions

Conversions Part 2

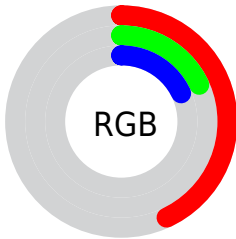
Format	Color
RYB	110, 45, 45
Decimal	7220525
CIELab	27.79, 28.91, 14.38
CIELCh	28, 32.287, 26.457
Yxy	5.3812, 0.4802, 0.3295
Android (android.graphics.Color)	4285410605 (0xFF6E2D2D)
YUV	64.4350, -9.5815, 39.9605
Hunter-Lab	23.1975, 19.7505, 8.2947

Details

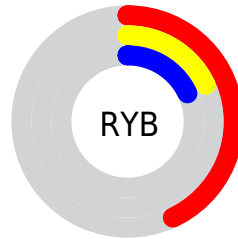
The YUV color **64.4350, -9.5815, 39.9605** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.5650, 9.5815, -39.9605**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3000, -11.4869, 44.4639**, and **17.3420, -8.5496, 35.6571** is the 20% darker color. If you saturate the color by 10%, you get **56.7240, -11.2029, 46.7231**, and if you desaturate by 10%, it is **72.1460, -7.9600, 33.1980**.

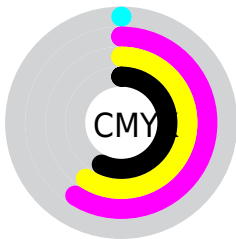
Distribution



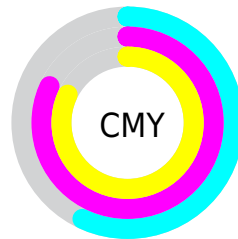
- Red (43%)
- Green (18%)
- Blue (18%)



- Red (43%)
- Yellow (18%)
- Blue (18%)



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



- Cyan (57%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.4350, -9.5815, 39.9605 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 64.4350, -9.5815, 39.9605 by changing the saturation by 10% instead.

64.4350, -9.5815,
39.9605

64.4350, -9.5815,
39.9605

255.0000, 0.0000,
0.0000

39.8800, -7.8288,
37.8162

114.3000,
-11.4869, 44.4639

17.3420, -8.5496,
35.6571

140.6700,
-12.6553, 45.8934

9.9810, -4.4276,
20.1877

167.5670,
-13.0975, 47.7377

0.0000, 0.0000,
0.0000

195.3500,
-13.9766, 49.6820

215.1740,
-10.4388, 34.9274

235.3890, -6.6008,

17.1988

254.5440, -1.7472,
0.3999

■ 64.4350, -9.5815,
39.9605

■ 64.4350, -9.5815,
39.9605

■ 56.7240, -11.2029,
46.7231

■ 72.1460, -7.9600,
33.1980

■ 49.0130, -12.8244,
53.4856

■ 79.8570, -6.3385,
26.4354

■ 41.3020, -14.4459,
60.2481

■ 87.5680, -4.7170,
19.6729

■ 33.5910, -16.0674,
67.0107

■ 95.2790, -3.0955,
12.9103

■ 32.8900, -16.2148,
67.6255

■ 102.9900, -1.4741,
6.1478

■ 110.7010, 0.1474,
-0.6148

■ 118.4120, 1.7689,
-7.3773

■ 126.1230, 3.3904,
-14.1399

■ 133.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



65.8120, 2.0647, 37.8759



64.4350, -9.5815, 39.9605



64.3340, -19.8847, 31.2791

Triad

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



64.4350, -9.5815, 39.9605



55.1200, -8.9332, -28.1692



53.6130, 30.2638, -47.0186

Complementary

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



64.4350, -9.5815, 39.9605



90.5650, 9.5815, -39.9605

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.



56.2230, 25.0331, -49.3076



64.4350, -9.5815, 39.9605



52.2670, 4.7984, -45.8382

Square

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



64.4350, -9.5815, 39.9605



60.7720, -21.0866, -3.3080



55.1170, 15.7183, -48.3376



65.9990, 21.6925, -4.3841

Rectangle

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



64.4350, -9.5815, 39.9605



63.1280, -24.2201, 21.8127



55.1170, 15.7183, -48.3376



55.2600, 28.9588, -48.4630

Sweetspot

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



64.4350, -9.5815, 39.9605



124.7740, -3.8326, 15.9842



71.8450, 18.8104, 33.4619



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.



64.4350, -9.5815, 39.9605



71.4980, -15.0355, 62.7073



83.8060, -19.1314, 22.9721



51.7940, -0.8844, 3.6887



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



90.5650, 9.5815, -39.9605



112.5020, 15.0355, -62.7073



71.7810, 18.8420, -23.4869



54.2060, 0.8844, -3.6887



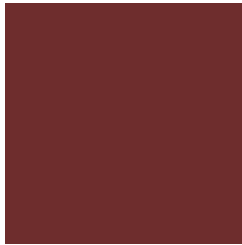
84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 64.4350, -9.5815, 39.9605 looks on a white background.

Color Contrast Check

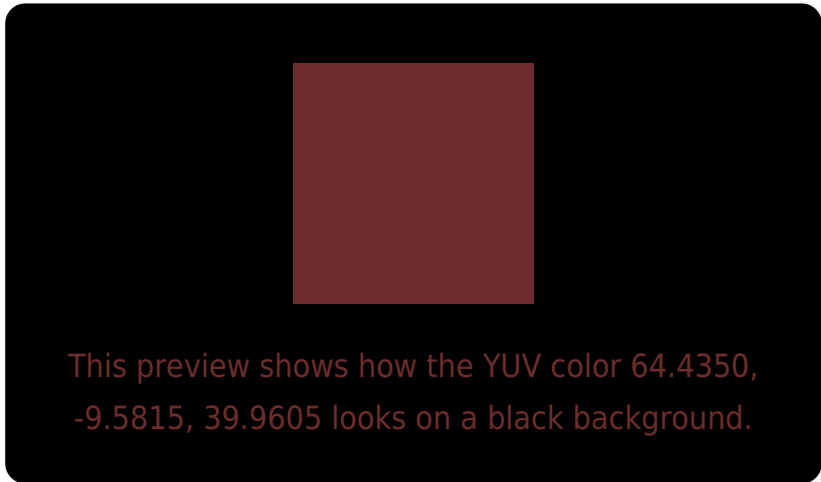
Large Text (above 18pt) WCAG AA ✓ Pass

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

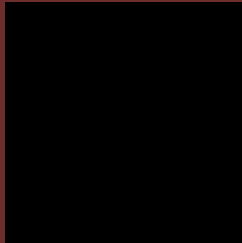
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.4350, -9.5815, 39.9605

Background



This preview shows how black text looks on a background with the YUV color 64.4350, -9.5815, 39.9605.

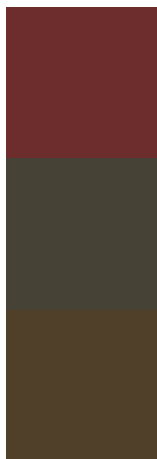


This preview shows how white text looks on a background with the YUV color 64.4350, -9.5815,

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

64.4350, -9.5815, 39.9605

Protanopia

65.8280, -5.8312, 3.6588

Deuteranopia

66.2760, -11.9681, 12.0359



Tritanopia

64.6630, -8.7079, 39.7605

Trichromacy



Original Color

64.4350, -9.5815, 39.9605

Protanomaly

65.2750, -7.0376, 17.2988

Deuteranomaly

65.5700, -11.1270, 22.3021

Tritanomaly

64.5490, -9.1447, 39.8605

Monochromacy



Original Color

64.4350, -9.5815, 39.9605

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1760, -3.5378, 14.7546

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.4350, -9.5815, 39.9605 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(110, 45, 45)` looks like.

```
.text, #text, p{  
    color:rgb(110, 45, 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(110, 45, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 45, 45) }
```

Border

The CSS property to change the border of an element to YUV 64.4350, -9.5815, 39.9605 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(110, 45, 45) }
```


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

```
.border{ border-color:rgb(110, 45, 45) }
```

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

Here you see how a box with a 4 pixel rgb(110, 45, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 45, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 45, 45);  
box-shadow:4px 4px 4px 4px rgb(110, 45,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 64.4350, -9.5815, 39.9605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 45, 45) }
```

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

```
.background{ background-color: rgb(110, 45,  
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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