

Converting Colors

YUV(64.2280, -8.9864, 35.7570)

Have a look what the booklet for
YUV(64.2280, -8.9864, 35.7570)
contains.

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Color

**YUV(64.2280, -8.9864,
35.7570)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 692F2E |
| RGB | 105, 47, 46 |
| RGB Percent | 41%, 18%, 18% |
| CMY | 0.5882, 0.8157, 0.8196 |
| CMYK | 0.00, 0.55, 0.56, 0.59 |
| HSL | 1°, 39%, 30% |
| HSV | 1°, 56%, 41% |
| XYZ | 7.3354, 5.2335, 3.2083 |
| YIQ | 64.2280, 34.8890, 11.9850 |

Conversions

Conversions Part 2

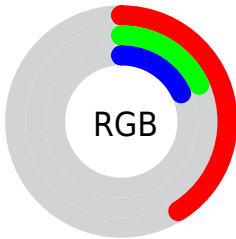
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 105, 47, 46 |
| Decimal | 6893358 |
| CIE _{Lab} | 27.39, 25.85, 13.04 |
| CIE _{LCh} | 27, 28.953, 26.761 |
| Yxy | 5.2335, 0.4649, 0.3317 |
| Android (android.graphics.Color) | 4285083438 (0xFF692F2E) |
| YUV | 64.2280, -8.9864, 35.7570 |
| Hunter-Lab | 22.8769, 17.2003, 7.6989 |

Details

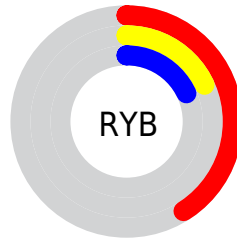
The YUV color **64.2280, -8.9864, 35.7570** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.7720, 8.9864, -35.7570**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.7940, -10.7444, 39.6457**, and **16.7330, -8.2494, 32.6832** is the 20% darker color. If you saturate the color by 10%, you get **57.2180, -10.4605, 41.9048**, and if you desaturate by 10%, it is **71.3520, -7.0755, 29.5093**.

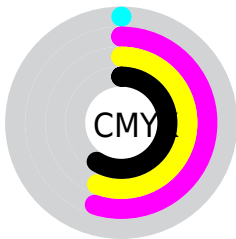
Distribution



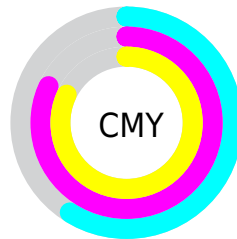
- Red (41%)
- Green (18%)
- Blue (18%)



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



- Cyan (0%)
- Magenta (55%)
- Yellow (56%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 64.2280, -8.9864, 35.7570 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 64.2280, -8.9864, 35.7570 by changing the saturation by 10% instead.

64.2280, -8.9864,
35.7570

64.2280, -8.9864,
35.7570

255.0000, 0.0000,
0.0000

40.5590, -7.6706,
33.7128

113.7940,
-10.7444, 39.6457

16.7330, -8.2494,
32.6832

139.5770,
-11.6235, 41.5900

8.4860, -3.6906,
17.1138

166.4740,
-12.0657, 43.4343

0.0000, 0.0000,
0.0000

193.9580,
-12.7973, 44.7638

216.4620,
-10.5808, 33.7978

236.0900, -6.4534,

16.5841

254.6580, -1.3104,
0.2999

■ 64.2280, -8.9864,
35.7570

■ 64.2280, -8.9864,
35.7570

■ 57.2180, -10.4605,
41.9048

■ 71.3520, -7.0755,
29.5093

■ 49.5070, -12.0820,
48.6674

■ 78.9490, -5.8909,
22.8467

■ 42.3830, -13.9928,
54.9151

■ 86.0730, -3.9800,
16.5990

■ 35.3730, -15.4669,
61.0629

■ 93.0830, -2.5059,
10.4512

■ 32.5690, -16.0565,
63.5220

■ 100.6800, -1.3212,
3.7886

■ 107.8040, 0.5896,
-2.4591

■ 114.8140, 2.0637,
-8.6069

■ 122.5250, 3.6852,
-15.3694

■ 129.6490, 5.5960,
-21.6172

Harmonies

Analogous

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



65.2630, 1.3493, 33.9723



64.2280, -8.9864, 35.7570



63.5940, -17.5478, 28.4201

Triad

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



64.2280, -8.9864, 35.7570



55.9680, -8.3652, -23.6509



53.2390, 27.4902, -44.0596

Complementary

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



64.2280, -8.9864, 35.7570



86.7720, 8.9864, -35.7570

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.



54.3650, 22.9911, -47.6781



64.2280, -8.9864, 35.7570



50.9790, 4.9404, -44.7086

Square

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



64.2280, -8.9864, 35.7570



60.1680, -18.3238, -2.7783



53.6010, 14.9867, -47.0081



65.6140, 18.9243, -3.1695

Rectangle

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



64.2280, -8.9864, 35.7570



62.9150, -21.1571, 19.3685



53.6010, 14.9867, -47.0081



53.4020, 26.9168, -46.8336

Sweetspot

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



64.2280, -8.9864, 35.7570



121.7630, -3.8272, 14.2398



70.2530, 16.6373, 30.4731



59.1860, -2.0637, 8.6069



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.



64.2280, -8.9864, 35.7570



73.9810, -14.2876, 56.1447



81.2510, -17.3787, 20.8279



49.7940, -0.8844, 3.6887



36.1570, -17.8254, 70.8993



75.6030, -37.2723, 148.5612

Inverse Universe

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



86.7720, 8.9864, -35.7570



109.0190, 14.2876, -56.1447



69.7490, 17.3787, -20.8279



51.6190, 1.1738, -3.1739



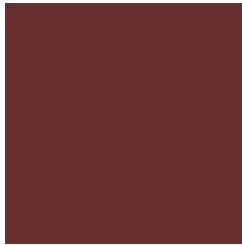
80.8430, 17.8254, -70.8993



169.3970, 37.2723, -148.5612

Previews

White Background



This preview shows how the YUV color 64.2280, -8.9864, 35.7570 looks on a white background.

Color Contrast Check

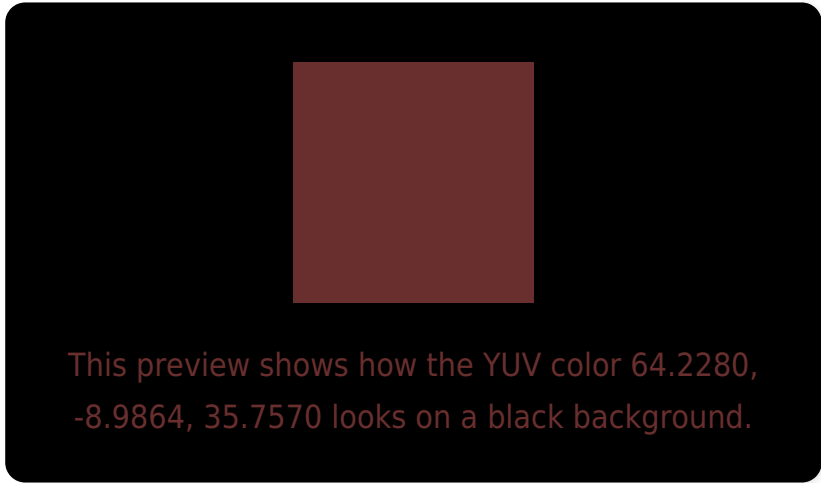
Large Text (above 18pt) WCAG AA ✓ Pass

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

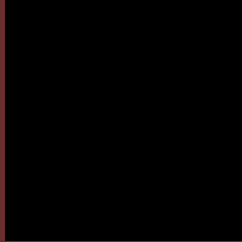
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.2280, -8.9864, 35.7570

Background



This preview shows how black text looks on a background with the YUV color 64.2280, -8.9864, 35.7570.

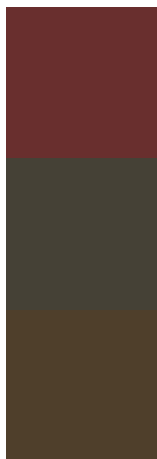


This preview shows how white text looks on a background with the YUV color 64.2280, -8.9864,

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

64.2280, -8.9864, 35.7570

Protanopia

64.9420, -5.3944, 3.5589

Deuteranopia

65.5040, -11.0945, 11.8360



Tritanopia

64.0970, -6.9498, 35.8719

Trichromacy



Original Color

64.2280, -8.9864, 35.7570

Protanomaly

64.3780, -6.5954, 15.4545

Deuteranomaly

64.7870, -10.2480, 20.3578

Tritanomaly

63.9830, -7.3866, 35.9719

Monochromacy



Original Color

64.2280, -8.9864, 35.7570

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1650, -3.5323, 13.0103

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.2280, -8.9864, 35.7570 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(105, 47, 46)` looks like.

```
.text, #text, p{  
    color:rgb(105, 47, 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(105, 47, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 47, 46) }
```

Border

The CSS property to change the border of an element to YUV 64.2280, -8.9864, 35.7570 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(105, 47, 46) }
```


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

```
.border{ border-color:rgb(105, 47, 46) }
```

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

Here you see how a box with a 4 pixel rgb(105, 47, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 47, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 47, 46);  
box-shadow:4px 4px 4px 4px rgb(105, 47,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 64.2280, -8.9864, 35.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 47, 46) }
```

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

```
.background{ background-color: rgb(105, 47,  
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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