

Converting Colors

YUV(67.3590, -11.0230,
35.6422)

Have a look what the booklet for
YUV(67.3590, -11.0230, 35.6422)
contains.

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Color

**YUV(67.3590, -11.0230,
35.6422)**

Conversions

Conversions Part 1

Format	Color
Hex	6C332D
RGB	108, 51, 45
RGB Percent	42%, 20%, 18%
CMY	0.5765, 0.8000, 0.8235
CMYK	0.00, 0.53, 0.58, 0.58
HSL	6°, 41%, 30%
HSV	6°, 58%, 42%
XYZ	7.8418, 5.7453, 3.1783
YIQ	67.3590, 35.8980, 10.2180

Conversions

Conversions Part 2

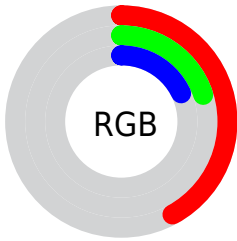
Format	Color
RYB	108, 52, 45
Decimal	7090989
CIELab	28.76, 24.74, 15.59
CIElCh	29, 29.241, 32.227
Yxy	5.7453, 0.4677, 0.3427
Android (android.graphics.Color)	4285281069 (0xFF6C332D)
YUV	67.3590, -11.0230, 35.6422
Hunter-Lab	23.9693, 16.4521, 8.9168

Details

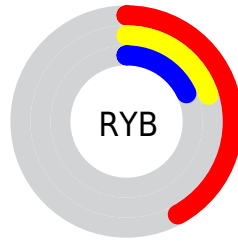
The YUV color **67.3590, -11.0230, 35.6422** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **85.6410, 11.0230, -35.6422**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.2240, -12.9284, 40.1456**, and **19.9780, -9.8492, 32.4683** is the 20% darker color. If you saturate the color by 10%, you get **60.2350, -12.9339, 41.8899**, and if you desaturate by 10%, it is **74.4830, -9.1121, 29.3944**.

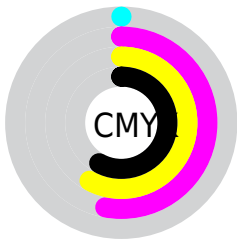
Distribution



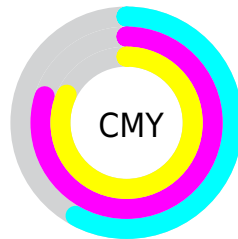
- Red (42%)
- Green (20%)
- Blue (18%)



- Red (42%)
- Yellow (20%)
- Blue (18%)



- Cyan (0%)
- Magenta (53%)
- Yellow (58%)
- Black (58%)



- Cyan (58%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3590, -11.0230, 35.6422 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 67.3590, -11.0230, 35.6422 by changing the saturation by 10% instead.

67.3590, -11.0230,
35.6422

67.3590, -11.0230,
35.6422

255.0000, 0.0000,
0.0000

43.6900, -9.7072,
33.5979

117.2240,
-12.9284, 40.1456

19.9780, -9.8492,
32.4683

143.0070,
-13.8075, 42.0899

9.9810, -4.4276,
20.1877

169.6050,
-14.1023, 43.3194

0.0000, 0.0000,
0.0000

197.3880,
-14.9813, 45.2637

218.6960,
-12.1751, 31.8386

238.3240, -8.0477,

14.6249

254.5440, -1.7472,
0.3999

■ 67.3590, -11.0230,
35.6422

■ 67.3590, -11.0230,
35.6422

■ 60.2350, -12.9339,
41.8899

■ 74.4830, -9.1121,
29.3944

■ 53.1110, -14.8447,
48.1377

■ 81.6070, -7.2013,
23.1467

■ 46.6880, -16.6082,
53.7706

■ 88.0300, -5.4378,
17.5137

■ 39.5640, -18.5191,
60.0184

■ 95.1540, -3.5269,
11.2659

■ 38.1620, -18.8139,
61.2479

■ 102.2780, -1.6161,
5.0182

■ 109.4020, 0.2948,
-1.2296

■ 115.9390, 2.4951,
-6.9625

■ 122.9490, 3.9691,
-13.1103

■ 130.0730, 5.8800,
-19.3580

Harmonies

Analogous

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



68.4050, -0.6927, 35.6018



67.3590, -11.0230, 35.6422



66.8280, -19.1422, 26.4608

Triad

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



67.3590, -11.0230, 35.6422



57.6190, -5.7282, -29.4839



61.7460, 25.2682, -31.3492

Complementary

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



67.3590, -11.0230, 35.6422



85.6410, 11.0230, -35.6422

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.



56.8100, 24.7437, -49.8224



67.3590, -11.0230, 35.6422



54.2390, 7.2772, -47.5676

Square

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



67.3590, -11.0230, 35.6422



62.7870, -17.1500, -5.9522



56.7470, 16.8867, -49.7671



69.1200, 18.1818, 1.6488

Rectangle

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



67.3590, -11.0230, 35.6422



66.2630, -22.3147, 17.3093



56.7470, 16.8867, -49.7671



55.0320, 28.0852, -48.2631

Sweetspot

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



67.3590, -11.0230, 35.6422



123.6490, -4.2640, 14.3398



70.4490, 16.0476, 32.9322



61.0720, -2.5005, 8.7069



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.



67.3590, -11.0230, 35.6422



76.5850, -17.0504, 55.6150



85.5560, -19.9941, 19.6834



50.3810, -1.1738, 3.1739



41.4400, -20.4299, 66.2661



86.7560, -42.7707, 138.7800

Inverse Universe

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



85.6410, 11.0230, -35.6422



105.4150, 17.0504, -55.6150



67.4440, 19.9941, -19.6834



51.6190, 1.1738, -3.1739



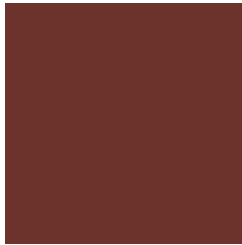
75.5600, 20.4299, -66.2661



157.6570, 43.0601, -138.2652

Previews

White Background



This preview shows how the YUV color 67.3590, -11.0230, 35.6422 looks on a white background.

Color Contrast Check

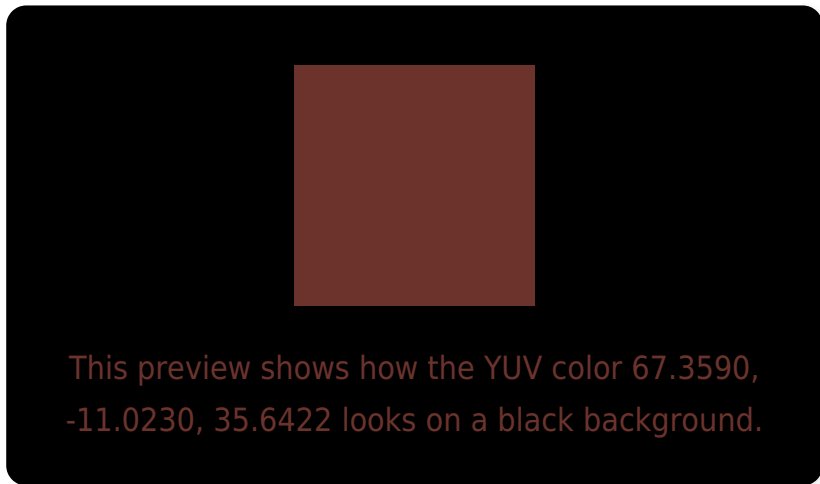
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.3590, -11.0230, 35.6422

Background



This preview shows how black text looks on a background with the YUV color 67.3590, -11.0230, 35.6422.



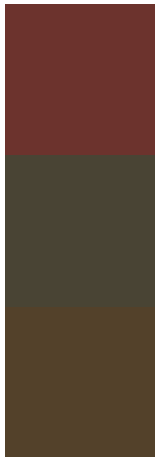
This preview shows how white text looks on a background with the YUV color 67.3590, -11.0230,

35.6422.

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

67.3590, -11.0230, 35.6422

Protanopia

67.6710, -7.7258, 4.6735

Deuteranopia

67.7600, -12.6997, 13.3655



Tritanopia

67.6840, -7.2392, 35.3571

Trichromacy



Original Color

67.3590, -11.0230, 35.6422

Protanomaly

67.6940, -9.2161, 16.0544

Deuteranomaly

67.6300, -12.1426, 21.3725

Tritanomaly

67.3420, -8.5496, 35.6571

Monochromacy



Original Color

67.3590, -11.0230, 35.6422

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0510, -3.9691, 13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3590, -11.0230, 35.6422 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, 51, 45)` looks like.

```
.text, #text, p{  
    color:rgb(108, 51, 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(108, 51, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 51, 45) }
```

Border

The CSS property to change the border of an element to YUV 67.3590, -11.0230, 35.6422 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, 51, 45) }
```


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

```
.border{ border-color:rgb(108, 51, 45) }
```

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

Here you see how a box with a 4 pixel rgb(108, 51, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 51, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 51, 45);  
box-shadow:4px 4px 4px 4px rgb(108, 51,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 67.3590, -11.0230, 35.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 51, 45) }
```

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

```
.background{ background-color: rgb(108, 51,  
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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