

Converting Colors

YUV(67.5100, -6.6604, 36.3867)

Have a look what the booklet for
YUV(67.5100, -6.6604, 36.3867)
contains.

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Color

**YUV(67.5100, -6.6604,
36.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3136
RGB	109, 49, 54
RGB Percent	43%, 19%, 21%
CMY	0.5725, 0.8078, 0.7882
CMYK	0.00, 0.55, 0.50, 0.57
HSL	355°, 38%, 31%
HSV	355°, 55%, 43%
XYZ	8.0708, 5.7142, 4.1676
YIQ	67.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

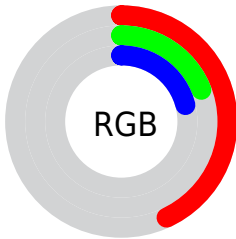
Format	Color
RYB	109, 49, 54
Decimal	7156022
CIELab	28.68, 27.18, 9.63
CIELCh	29, 28.839, 19.511
Yxy	5.7142, 0.4496, 0.3183
Android (android.graphics.Color)	4285346102 (0xFF6D3136)
YUV	67.5100, -6.6604, 36.3867
Hunter-Lab	23.9043, 18.4345, 6.3961




Details

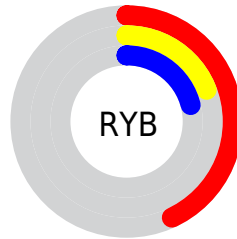
The YUV color **67.5100, -6.6604, 36.3867** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **90.4900, 6.6604, -36.3867**, and the grayscale version is **68.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.1900, -7.9817, 40.1754**, and **19.6560, -4.7604, 33.6277** is the 20% darker color. If you saturate the color by 10%, you get **59.9130, -7.8451, 43.0493**, and if you desaturate by 10%, it is **75.1070, -5.4758, 29.7242**.

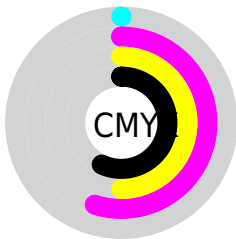
Distribution







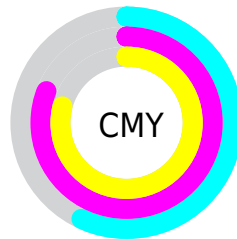
-  Red (43%)
-  Green (19%)
-  Blue (21%)






-  Red (43%)
-  Yellow (19%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (55%)
-  Yellow (50%)
-  Black (57%)



-  Cyan (57%)
-  Magenta (81%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5100, -6.6604, 36.3867 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 67.5100, -6.6604, 36.3867 by changing the saturation by 10% instead.

67.5100, -6.6604,
36.3867

67.5100, -6.6604,
36.3867

255.0000, 0.0000,
0.0000

43.8410, -5.3446,
34.3424

117.1900, -7.9817,
40.1754

19.6560, -4.7604,
33.6277

143.5600, -9.1501,
41.6049

10.5790, -4.7224,
21.4172

170.4570, -9.5923,
43.4492

0.0000, 0.0000,
0.0000

198.0550, -9.8871,
44.6788

218.8900, -6.3548,
31.6685

239.1050, -2.5168,

13.9399

■ 67.5100, -6.6604,
36.3867

■ 67.5100, -6.6604,
36.3867

■ 59.9130, -7.8451,
43.0493

■ 75.1070, -5.4758,
29.7242

■ 52.3160, -9.0298,
49.7119

■ 82.7040, -4.2911,
23.0616

■ 44.7190, -10.2145,
56.3744

■ 90.3010, -3.1064,
16.3990

■ 37.1220, -11.3991,
63.0370

■ 97.8980, -1.9217,
9.7365

■ 33.6170, -12.1362,
66.1109

■ 105.4950, -0.7370,
3.0739

■ 112.5050, 0.7370,
-3.0739

■ 120.1020, 1.9217,
-9.7365

■ 127.6990, 3.1064,
-16.3990

■ 135.2960, 4.2911,
-23.0616

Harmonies

Analogous

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



68.8220, 3.5388, 31.7281



67.5100, -6.6604, 36.3867



66.7730, -15.6641, 30.8941

Triad

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



67.5100, -6.6604, 36.3867



60.9040, -11.2917, -18.3328



54.9180, 27.6484, -48.1631

Complementary

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



67.5100, -6.6604, 36.3867



90.4900, 6.6604, -36.3867

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.



56.7130, 21.8335, -49.7373



67.5100, -6.6604, 36.3867



52.5120, 3.1986, -46.0530

Square

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



67.5100, -6.6604, 36.3867



64.0330, -20.2293, 1.7251



55.7210, 12.9555, -48.8673



67.4390, 20.9826, -10.0320

Rectangle

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



67.5100, -6.6604, 36.3867



66.4640, -20.4418, 23.2721



55.7210, 12.9555, -48.8673



55.8640, 26.1960, -48.9927

Sweetspot

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



67.5100, -6.6604, 36.3867



126.4040, -2.6642, 14.5547



72.2850, 18.1005, 27.8141



61.3000, -1.6269, 8.5069



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.



67.5100, -6.6604, 36.3867



77.9040, -10.7987, 57.0892



81.6150, -16.0792, 24.0166



49.9080, -0.4476, 3.5887



36.1230, -12.8786, 70.9291



75.5350, -27.3788, 148.6208

Inverse Universe

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



67.5100, -6.6604, 36.3867



77.9040, -10.7987, 57.0892



76.3850, 16.0792, -24.0166



49.9080, -0.4476, 3.5887



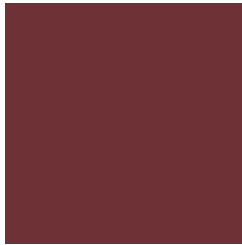
36.1230, -12.8786, 70.9291



75.5350, -27.3788, 148.6208

Previews

White Background



This preview shows how the YUV color 67.5100, -6.6604, 36.3867 looks on a white background.

Color Contrast Check

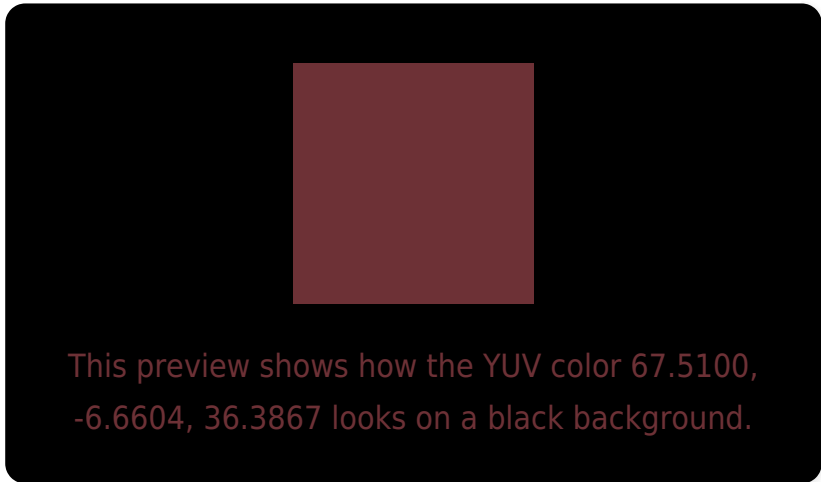
Large Text (above 18pt) WCAG AA ✓ Pass

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

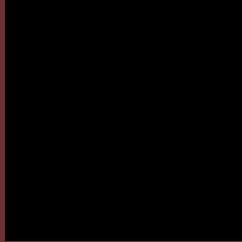
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5100, -6.6604, 36.3867

Background



This preview shows how black text looks on a background with the YUV color 67.5100, -6.6604, 36.3867.



This preview shows how white text looks on a background with the YUV color 67.5100, -6.6604,

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

67.5100, -6.6604, 36.3867

Protanopia

68.3270, -2.6262, 2.3442

Deuteranopia

68.7750, -8.7631, 10.7213



Tritanopia

67.3960, -7.0972, 36.4867

Trichromacy



Original Color

67.5100, -6.6604, 36.3867

Protanomaly

68.0620, -3.9746, 14.8546

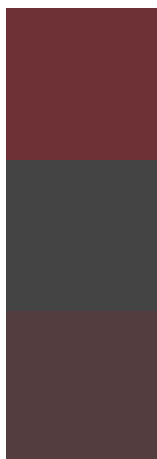
Deuteranomaly

68.3570, -8.0640, 19.8579

Tritanomaly

67.3960, -7.0972, 36.4867

Monochromacy



Original Color

67.5100, -6.6604, 36.3867

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8060, -2.3694, 13.3251

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5100, -6.6604, 36.3867 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(109, 49, 54)` looks like.

```
.text, #text, p{  
    color:rgb(109, 49, 54)  
}
```

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(109, 49, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 49, 54) }
```

Border

The CSS property to change the border of an element to YUV 67.5100, -6.6604, 36.3867 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(109, 49, 54) }
```


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

```
.border{ border-color:rgb(109, 49, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 49, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 49, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 49, 54);  
box-shadow:4px 4px 4px 4px rgb(109, 49,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 67.5100, -6.6604, 36.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 49, 54) }
```

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

```
.background{ background-color: rgb(109, 49,  
54) }
```

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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