

Converting Colors

YUV(67.6580, -11.1704,
36.2569)

Have a look what the booklet for
YUV(67.6580, -11.1704, 36.2569)
contains.

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Color

**YUV(67.6580, -11.1704,
36.2569)**

Conversions

Conversions Part 1

Format	Color
Hex	6D332D
RGB	109, 51, 45
RGB Percent	43%, 20%, 18%
CMY	0.5725, 0.8000, 0.8235
CMYK	0.00, 0.53, 0.59, 0.57
HSL	6°, 42%, 30%
HSV	6°, 59%, 43%
XYZ	7.9642, 5.8083, 3.1840
YIQ	67.6580, 36.4940, 10.4300

Conversions

Conversions Part 2

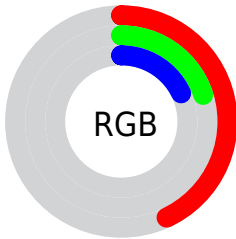
Format	Color
RYB	109, 52, 45
Decimal	7156525
CIELab	28.92, 25.16, 15.84
CIElCh	29, 29.728, 32.191
Yxy	5.8083, 0.4697, 0.3425
Android (android.graphics.Color)	4285346605 (0xFF6D332D)
YUV	67.6580, -11.1704, 36.2569
Hunter-Lab	24.1005, 16.8107, 9.0373

Details

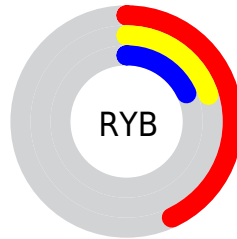
The YUV color **67.6580, -11.1704, 36.2569** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.3420, 11.1704, -36.2569**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5230, -13.0758, 40.7603**, and **20.2770, -9.9966, 33.0831** is the 20% darker color. If you saturate the color by 10%, you get **60.5340, -13.0813, 42.5047**, and if you desaturate by 10%, it is **74.7820, -9.2595, 30.0092**.

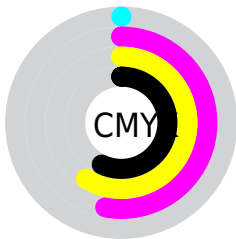
Distribution



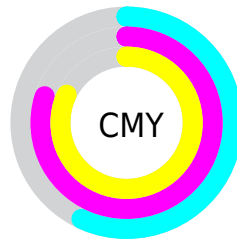
- Red (43%)
- Green (20%)
- Blue (18%)



- Red (43%)
- Yellow (20%)
- Blue (18%)



- Cyan (0%)
- Magenta (53%)
- Yellow (59%)
- Black (57%)



- Cyan (57%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6580, -11.1704, 36.2569 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 67.6580, -11.1704, 36.2569 by changing the saturation by 10% instead.

■ 67.6580, -11.1704,
36.2569

■ 67.6580, -11.1704,
36.2569

■ 255.0000, 0.0000,
0.0000

■ 43.9890, -9.8546,
34.2126

■ 117.5230,
-13.0758, 40.7603

■ 20.2770, -9.9966,
33.0831

■ 143.3060,
-13.9549, 42.7046

■ 10.2800, -4.5750,
20.8024

■ 170.7900,
-14.6865, 44.0342

■ 0.0000, 0.0000,
0.0000

■ 198.2740,
-15.4181, 45.3637

■ 218.6960,
-12.1751, 31.8386

■ 238.9110, -8.3371,

14.1101

254.5440, -1.7472,
0.3999

■ 67.6580, -11.1704,
36.2569

■ 67.6580, -11.1704,
36.2569

■ 60.5340, -13.0813,
42.5047

■ 74.7820, -9.2595,
30.0092

■ 53.4100, -14.9921,
48.7524

■ 81.9060, -7.3487,
23.7614

■ 46.2860, -16.9030,
55.0002

■ 89.0300, -5.4378,
17.5137

■ 39.1620, -18.8139,
61.2479

■ 96.1540, -3.5269,
11.2659

■ 38.4610, -18.9613,
61.8627

■ 102.5770, -1.7635,
5.6330

■ 109.7010, 0.1474,
-0.6148

■ 116.8250, 2.0583,
-6.8625

■ 123.9490, 3.9691,
-13.1103

■ 131.0730, 5.8800,
-19.3580

Harmonies

Analogous

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



68.7040, -0.8401, 36.2166



67.6580, -11.1704, 36.2569



67.0130, -19.7264, 27.1756

Triad

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



67.6580, -11.1704, 36.2569



57.9070, -5.8702, -30.6134



61.2620, 25.9998, -32.6788

Complementary

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



67.6580, -11.1704, 36.2569



86.3420, 11.1704, -36.2569

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.



56.9240, 25.1805, -49.9223



67.6580, -11.1704, 36.2569



54.8260, 6.9878, -48.0824

Square

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



67.6580, -11.1704, 36.2569



63.2600, -17.8762, -6.3670



56.8610, 17.3235, -49.8671



69.2340, 18.6186, 1.5488

Rectangle

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



67.6580, -11.1704, 36.2569



66.2630, -22.3147, 17.3093



56.8610, 17.3235, -49.8671



55.2600, 28.9588, -48.4630

Sweetspot

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



67.6580, -11.1704, 36.2569



126.5350, -4.7008, 14.4398



70.8620, 16.3370, 33.4470



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.



67.6580, -11.1704, 36.2569



78.1830, -17.3452, 56.8445



85.8550, -20.1415, 20.2982



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.



86.3420, 11.1704, -36.2569



107.2300, 17.6346, -56.3297



68.1450, 20.1415, -20.2982



51.6190, 1.1738, -3.1739



75.5600, 20.4299, -66.2661



158.2440, 42.7707, -138.7800

Previews

White Background



This preview shows how the YUV color 67.6580, -11.1704, 36.2569 looks on a white background.

Color Contrast Check

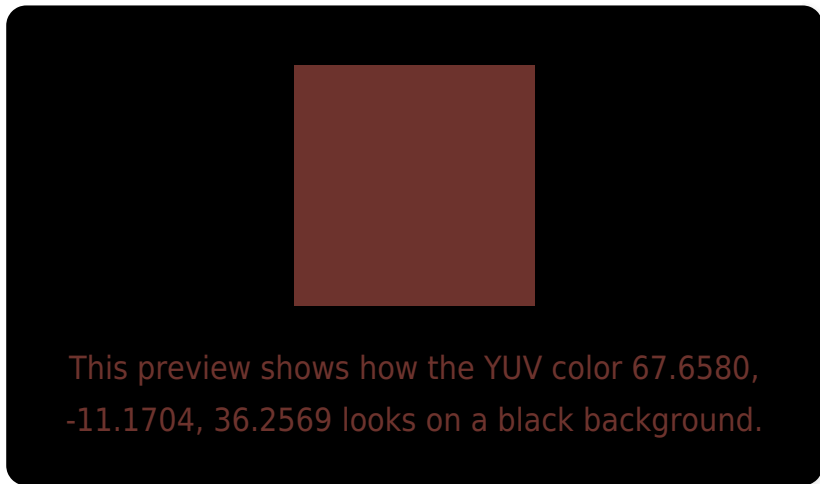
Large Text (above 18pt) WCAG AA ✓ Pass

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

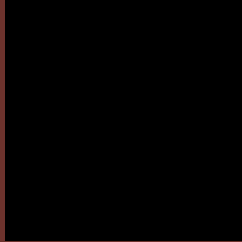
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.6580, -11.1704, 36.2569

Background



This preview shows how black text looks on a background with the YUV color 67.6580, -11.1704, 36.2569.

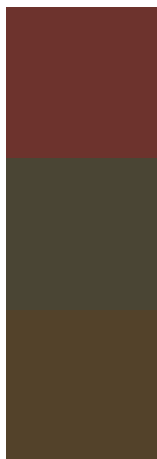


This preview shows how white text looks on a background with the YUV color 67.6580, -11.1704,

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

67.6580, -11.1704, 36.2569

Protanopia

68.5570, -8.1626, 4.7735

Deuteranopia

68.3470, -12.9891, 12.8507



Tritanopia

67.9830, -7.3866, 35.9719

Trichromacy



Original Color

67.6580, -11.1704, 36.2569

Protanomaly

67.9930, -9.3635, 16.6691

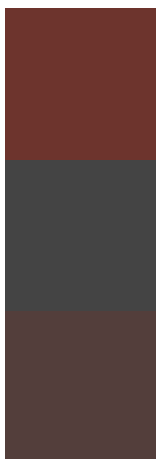
Deuteranomaly

68.2170, -12.4320, 20.8577

Tritanomaly

67.6410, -8.6970, 36.2718

Monochromacy



Original Color

67.6580, -11.1704, 36.2569

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0510, -3.9691, 13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6580, -11.1704, 36.2569 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, 51, 45)` looks like.

```
.text, #text, p{  
    color:rgb(109, 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(109, 51, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 51, 45) }
```

Border

The CSS property to change the border of an element to YUV 67.6580, -11.1704, 36.2569 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, 51, 45) }
```


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

```
.border{ border-color:rgb(109, 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(109, 51, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 51, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 51, 45);  
box-shadow:4px 4px 4px 4px rgb(109, 51,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 67.6580, -11.1704, 36.2569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 51, 45) }
```

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

```
.background{ background-color: rgb(109, 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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