

Converting Colors

YUV(68.1200, -11.8912,
34.0978)

Have a look what the booklet for
YUV(68.1200, -11.8912, 34.0978)
contains.

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Color

**YUV(68.1200, -11.8912,
34.0978)**

Conversions

Conversions Part 1

Format	Color
Hex	6B352C
RGB	107, 53, 44
RGB Percent	42%, 21%, 17%
CMY	0.5804, 0.7922, 0.8275
CMYK	0.00, 0.50, 0.59, 0.58
HSL	9°, 42%, 30%
HSV	9°, 59%, 42%
XYZ	7.7911, 5.8539, 3.1021
YIQ	68.1200, 35.0730, 8.6490

Conversions

Conversions Part 2

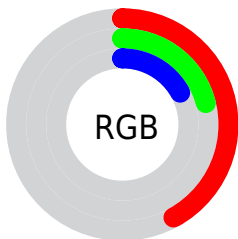
Format	Color
RYB	107, 55, 44
Decimal	7025964
CIELab	29.04, 23.06, 16.57
CIELCh	29, 28.395, 35.705
Yxy	5.8539, 0.4652, 0.3495
Android (android.graphics.Color)	4285216044 (0xFF6B352C)
YUV	68.1200, -11.8912, 34.0978
Hunter-Lab	24.1947, 15.1393, 9.3344

Details

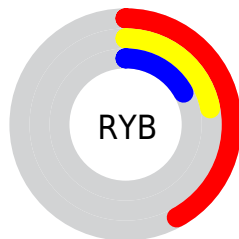
The YUV color **68.1200, -11.8912, 34.0978** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.8800, 11.8912, -34.0978**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.6860, -13.6492, 37.9864**, and **21.4400, -10.5699, 30.3091** is the 20% darker color. If you saturate the color by 10%, you get **61.5830, -14.0914, 39.8307**, and if you desaturate by 10%, it is **74.6570, -9.6909, 28.3648**.

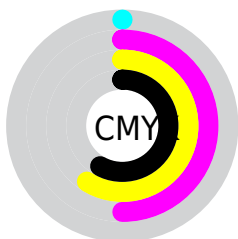
Distribution



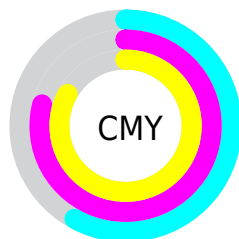
- Red (42%)
- Green (21%)
- Blue (17%)



- Red (42%)
- Yellow (22%)
- Blue (17%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)
- Black (58%)



- Cyan (58%)
- Magenta (79%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1200, -11.8912, 34.0978 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 68.1200, -11.8912, 34.0978 by changing the saturation by 10% instead.

68.1200, -11.8912,
34.0978

68.1200, -11.8912,
34.0978

255.0000, 0.0000,
0.0000

44.4510, -10.5753,
32.0535

117.6860,
-13.6492, 37.9864

21.4400, -10.5699,
30.3091

143.4690,
-14.5282, 39.9307

9.9810, -4.4276,
20.1877

170.3660,
-14.9704, 41.7750

0.0000, 0.0000,
0.0000

197.8500,
-15.7020, 43.1046

219.7560,
-13.1907, 30.9090

239.3840, -9.0633,

13.6952

254.4300, -2.1840,
0.4999

■ 68.1200, -11.8912,
34.0978

■ 68.1200, -11.8912,
34.0978

■ 61.5830, -14.0914,
39.8307

■ 74.6570, -9.6909,
28.3648

■ 55.1600, -15.8549,
45.4637

■ 81.0800, -7.9274,
22.7318

■ 48.0360, -17.7657,
51.7114

■ 88.2040, -6.0166,
16.4841

■ 41.4990, -19.9660,
57.4444

■ 94.7410, -3.8163,
10.7511

■ 40.7980, -20.1134,
58.0592

■ 101.2780, -1.6161,
5.0182

■ 107.7010, 0.1474,
-0.6148

■ 114.2380, 2.3477,
-6.3477

■ 120.7750, 4.5479,
-12.0807

■ 127.7850, 6.0220,
-18.2284

Harmonies

Analogous

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



68.7640, -1.8557, 35.2870



68.1200, -11.8912, 34.0978



67.4040, -19.4262, 24.2017

Triad

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



68.1200, -11.8912, 34.0978



58.0640, -3.9756, -31.6281



64.0350, 23.6467, -24.5867

Complementary

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



68.1200, -11.8912, 34.0978



82.8800, 11.8912, -34.0978

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



68.1200, -11.8912, 34.0978



54.5810, 8.5876, -47.8675

Square

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



68.1200, -11.8912, 34.0978



63.7050, -16.1236, -8.5113



56.9750, 17.7603, -49.9671



70.0880, 16.7186, 4.3078

Rectangle

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



68.1200, -11.8912, 34.0978



66.4800, -21.4356, 15.3650



56.9750, 17.7603, -49.9671



58.6200, 26.3163, -40.8857

Sweetspot

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



68.1200, -11.8912, 34.0978



124.8230, -4.8427, 13.3102



69.1070, 14.7372, 33.2322



61.6590, -2.7899, 8.1921



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.



68.1200, -11.8912, 34.0978



78.8190, -18.6448, 53.6557



86.3170, -20.8623, 18.1390



50.3810, -1.1738, 3.1739



44.9620, -22.1663, 63.1773



93.8000, -46.2434, 132.6024

Inverse Universe

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



82.8800, 11.8912, -34.0978



102.1810, 18.6448, -53.6557



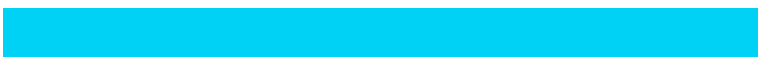
64.6830, 20.8623, -18.1390



51.6190, 1.1738, -3.1739



72.6250, 21.8769, -63.6921



151.2000, 46.2434, -132.6024

Previews

White Background



This preview shows how the YUV color 68.1200, -11.8912, 34.0978 looks on a white background.

Color Contrast Check

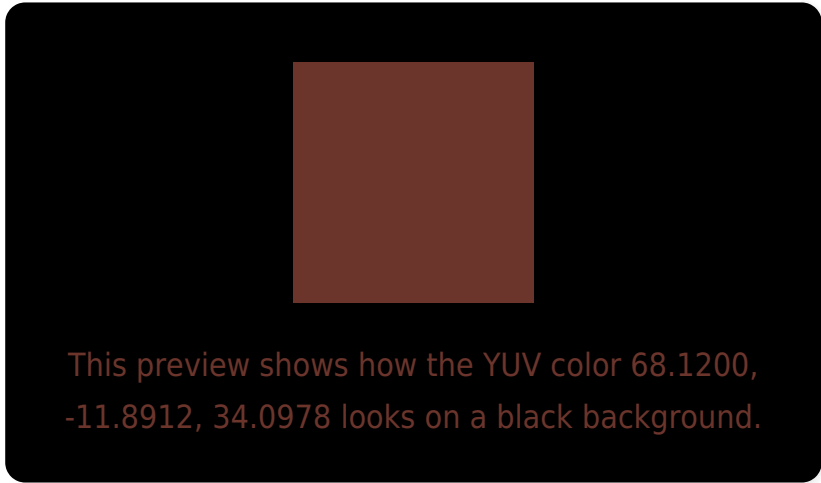
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.1200, -11.8912, 34.0978

Background



This preview shows how black text looks on a background with the YUV color 68.1200, -11.8912, 34.0978.

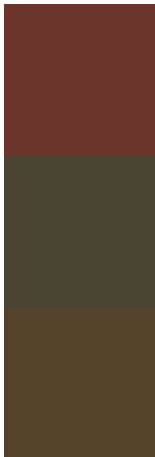


This preview shows how white text looks on a background with the YUV color 68.1200, -11.8912,

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

68.1200, -11.8912, 34.0978

Protanopia

68.4430, -8.5994, 4.8735

Deuteranopia

68.6460, -13.1365, 13.4655



Tritanopia

68.4990, -6.6550, 34.6424

Trichromacy



Original Color

68.1200, -11.8912, 34.0978

Protanomaly

68.1670, -9.9423, 15.6395

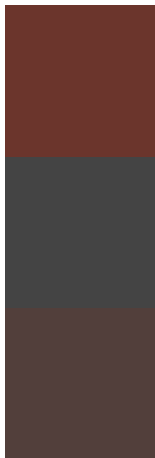
Deuteranomaly

68.2170, -12.4320, 20.8577

Tritanomaly

68.6300, -8.6916, 34.5275

Monochromacy



Original Color

68.1200, -11.8912, 34.0978

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2250, -4.5479, 12.0807

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1200, -11.8912, 34.0978 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(107, 53, 44)` looks like.

```
.text, #text, p{  
    color:rgb(107, 53, 44)  
}
```

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(107, 53, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 53, 44) }
```

Border

The CSS property to change the border of an element to YUV 68.1200, -11.8912, 34.0978 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(107, 53, 44) }
```


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

```
.border{ border-color:rgb(107, 53, 44) }
```

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

Here you see how a box with a 4 pixel rgb(107, 53, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 53, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 53, 44);  
box-shadow:4px 4px 4px 4px rgb(107, 53,  
44) }
```

Background

The CSS property to change the background color of an element to YUV 68.1200, -11.8912, 34.0978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 53, 44) }
```

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

```
.background{ background-color: rgb(107, 53,  
44) }
```

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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