

Converting Colors

YUV(71.6470, -11.1650,
34.5126)

Have a look what the booklet for
YUV(71.6470, -11.1650, 34.5126)
contains.

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Color

**YUV(71.6470, -11.1650,
34.5126)**

Conversions

Conversions Part 1

Format	Color
Hex	6F3831
RGB	111, 56, 49
RGB Percent	44%, 22%, 19%
CMY	0.5647, 0.7804, 0.8078
CMYK	0.00, 0.50, 0.56, 0.56
HSL	7°, 39%, 31%
HSV	7°, 56%, 44%
XYZ	8.5241, 6.4296, 3.6975
YIQ	71.6470, 35.0270, 9.4830

Conversions

Conversions Part 2

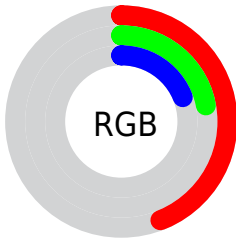
Format	Color
R _Y B	111, 57, 49
Decimal	7288881
CIE Lab	30.47, 23.50, 15.36
CIE LCh	30, 28.072, 33.166
Yxy	6.4296, 0.4570, 0.3447
Android (android.graphics.Color)	4285478961 (0xFF6F3831)
YUV	71.6470, -11.1650, 34.5126
Hunter-Lab	25.3567, 15.6318, 9.1040

Details

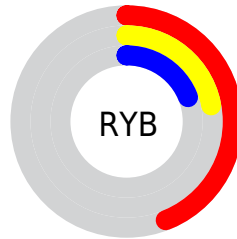
The YUV color **71.6470, -11.1650, 34.5126** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.3530, 11.1650, -34.5126**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2130, -12.9230, 38.4012**, and **24.0380, -10.8647, 31.5387** is the 20% darker color. If you saturate the color by 10%, you get **64.5230, -13.0758, 40.7603**, and if you desaturate by 10%, it is **78.7710, -9.2541, 28.2648**.

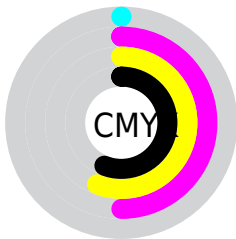
Distribution



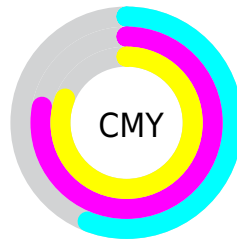
- Red (44%)
- Green (22%)
- Blue (19%)



- Red (44%)
- Yellow (22%)
- Blue (19%)



- Cyan (0%)
- Magenta (50%)
- Yellow (56%)
- Black (56%)



- Cyan (56%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.6470, -11.1650, 34.5126 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 71.6470, -11.1650, 34.5126 by changing the saturation by 10% instead.

71.6470, -11.1650,
34.5126

71.6470, -11.1650,
34.5126

255.0000, 0.0000,
0.0000

47.9780, -9.8492,
32.4683

121.2130,
-12.9230, 38.4012

24.0380, -10.8647,
31.5387

147.9960,
-13.8020, 40.3455

11.4760, -5.1647,
23.2615

174.5940,
-14.0968, 41.5751

0.0000, 0.0000,
0.0000

202.3770,
-14.9759, 43.5194

222.9020,
-11.2907, 28.1499

242.5300, -7.1633,

10.9362

■ 71.6470, -11.1650,
34.5126

■ 71.6470, -11.1650,
34.5126

■ 64.5230, -13.0758,
40.7603

■ 78.7710, -9.2541,
28.2648

■ 57.3990, -14.9867,
47.0081

■ 85.8950, -7.3432,
22.0171

■ 50.2750, -16.8976,
53.2558

■ 93.0190, -5.4324,
15.7693

■ 43.7380, -19.0978,
58.9888

■ 99.5560, -3.2321,
10.0364

■ 40.8200, -20.1243,
61.5479

■ 106.7940, -0.8844,
3.6887

■ 113.9180, 1.0264,
-2.5591

■ 121.0420, 2.9373,
-8.8068

■ 128.1660, 4.8482,
-15.0546

■ 135.2900, 6.7590,
-21.3023

Harmonies

Analogous

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



72.5790, -1.2714, 34.5722



71.6470, -11.1650, 34.5126



70.6430, -18.5580, 25.7461

Triad

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



71.6470, -11.1650, 34.5126



62.3310, -5.5862, -28.3543



66.7250, 23.7996, -26.9458

Complementary

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



71.6470, -11.1650, 34.5126



88.3530, 11.1650, -34.5126

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.



58.9130, 25.1859, -51.6667



71.6470, -11.1650, 34.5126



57.0430, 7.8668, -50.0267

Square

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



71.6470, -11.1650, 34.5126



67.0150, -16.2764, -6.1522



58.9640, 17.7657, -51.7114



73.1910, 17.1608, 2.4635

Rectangle

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



71.6470, -11.1650, 34.5126



70.1920, -21.2937, 16.4946



58.9640, 17.7657, -51.7114



61.6090, 26.3218, -42.6301

Sweetspot

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



71.6470, -11.1650, 34.5126



129.3500, -4.1165, 13.7251



73.9220, 15.3215, 32.5174



64.6590, -2.7899, 8.1921



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6470, -11.1650, 34.5126



83.4600, -17.4818, 53.9706



89.2570, -19.8467, 19.0686



52.3810, -1.1738, 3.1739



44.0980, -21.7403, 66.5661



90.2890, -44.5125, 137.4355

Inverse Universe

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



88.3530, 11.1650, -34.5126



109.5400, 17.4818, -53.9706



70.7430, 19.8467, -19.0686



53.6190, 1.1738, -3.1739



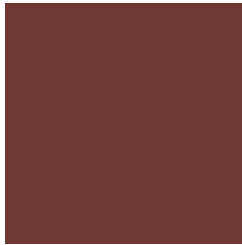
75.9020, 21.7403, -66.5661



156.7110, 44.5125, -137.4355

Previews

White Background



This preview shows how the YUV color 71.6470, -11.1650, 34.5126 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



This preview shows how the YUV color 71.6470, -11.1650, 34.5126 looks on a 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 71.6470, -11.1650, 34.5126

Background



This preview shows how black text looks on a background with the YUV color 71.6470, -11.1650, 34.5126.

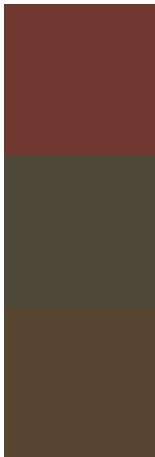


This preview shows how white text looks on a background with the YUV color 71.6470, -11.1650,

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

71.6470, -11.1650, 34.5126

Protanopia

71.6710, -7.7258, 4.6735

Deuteranopia

71.8740, -12.2629, 13.2655



Tritanopia

72.3850, -7.0918, 34.7424

Trichromacy



Original Color

71.6470, -11.1650, 34.5126

Protanomaly

71.3950, -9.0687, 15.4396

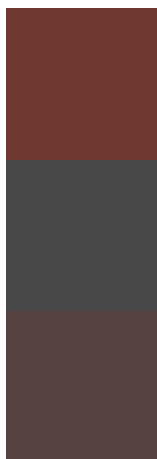
Deuteranomaly

71.7440, -11.7058, 21.2725

Tritanomaly

72.0430, -8.4022, 35.0423

Monochromacy



Original Color

71.6470, -11.1650, 34.5126

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.7520, -3.8217, 12.4955

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.6470, -11.1650, 34.5126 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(111, 56, 49)` looks like.

```
.text, #text, p{  
    color:rgb(111, 56, 49)  
}
```

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(111, 56, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 56, 49) }
```

Border

The CSS property to change the border of an element to YUV 71.6470, -11.1650, 34.5126 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(111, 56, 49) }
```


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

```
.border{ border-color:rgb(111, 56, 49) }
```

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

Here you see how a box with a 4 pixel rgb(111, 56, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 56, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 56, 49);  
box-shadow:4px 4px 4px 4px rgb(111, 56,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 71.6470, -11.1650, 34.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 56, 49) }
```

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

```
.background{ background-color: rgb(111, 56,  
49) }
```

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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