

# Converting Colors

YUV(86.0580, -7.9166, 19.2431)

Have a look what the booklet for  
YUV(86.0580, -7.9166, 19.2431)  
contains.

<b>YUV(86.0580, -7.9166, 19.2431)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(86.0580, -7.9166,  
19.2431)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C4E46
RGB	108, 78, 70
RGB Percent	42%, 31%, 27%
CMY	0.5765, 0.6941, 0.7255
CMYK	0.00, 0.28, 0.35, 0.58
HSL	13°, 21%, 35%
HSV	13°, 35%, 42%
XYZ	10.0142, 9.0791, 7.0190
YIQ	86.0580, 20.4480, 3.8720

# Conversions

## Conversions Part 2

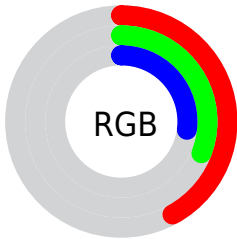
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 80, 70
Decimal	7097926
CIE Lab	36.14, 11.43, 9.70
CIE LCh	36, 14.989, 40.312
Yxy	9.0791, 0.3835, 0.3477
Android (android.graphics.Color)	4285288006 (0xFF6C4E46)
YUV	86.0580, -7.9166, 19.2431
Hunter-Lab	30.1316, 6.5942, 7.2808

# Details

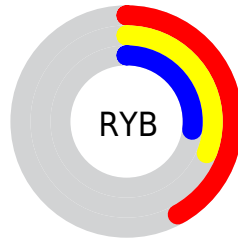
The YUV color **86.0580, -7.9166, 19.2431** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.9420, 7.9166, -19.2431**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8410, -8.7956, 21.1874**, and **40.0900, -6.4534, 16.5841** is the 20% darker color. If you saturate the color by 10%, you get **79.5210, -10.1169, 24.9761**, and if you desaturate by 10%, it is **92.5950, -5.7163, 13.5102**.

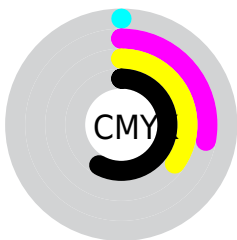
# Distribution



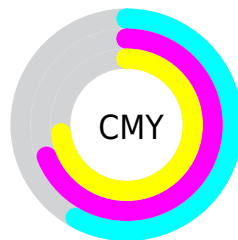
- Red (42%)
- Green (31%)
- Blue (27%)



- Red (42%)
- Yellow (31%)
- Blue (27%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (58%)



- Cyan (58%)
- Magenta (69%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.0580, -7.9166, 19.2431 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 86.0580, -7.9166, 19.2431 by changing the saturation by 10% instead.



■ 86.0580, -7.9166,  
19.2431

■ 86.0580, -7.9166,  
19.2431

255.0000, 0.0000,  
0.0000

■ 62.5740, -7.1850,  
17.9136

■ 135.8410, -8.7956,  
21.1874

■ 40.0900, -6.4534,  
16.5841

■ 162.4390, -9.0904,  
22.4170

■ 18.4060, -9.0742,  
17.1839

■ 189.6240, -9.6746,  
23.1318

■ 0.0000, 0.0000,  
0.0000

■ 217.6240, -9.6746,  
23.1318

■ 240.5410, -7.1687,  
12.6805

254.8860, -0.4368,

0.1000

■ 86.0580, -7.9166,  
19.2431

■ 86.0580, -7.9166,  
19.2431

■ 79.5210, -10.1169,  
24.9761

■ 92.5950, -5.7163,  
13.5102

■ 73.5710, -12.6065,  
30.1942

■ 98.5450, -3.2267,  
8.2920

■ 67.1480, -14.3700,  
35.8272

■ 104.9680, -1.4632,  
2.6591

■ 61.1980, -16.8596,  
41.0454

■ 110.9180, 1.0264,  
-2.5591

■ 54.6610, -19.0599,  
46.7783

■ 117.4550, 3.2267,  
-8.2920

■ 48.7110, -21.5495,  
51.9965

■ 123.4050, 5.7163,  
-13.5102

■ 45.7930, -22.5759,  
54.5555

■ 129.9420, 7.9166,  
-19.2431

■ 135.7780, 9.9694,  
-24.3613

■ 142.3150, 12.1697,  
-30.0943

# Harmonies

## Analogous

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



86.4370, -2.6804, 19.7878



86.0580, -7.9166, 19.2431



85.5150, -11.0999, 13.5803

# Triad

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



86.0580, -7.9166, 19.2431



81.0320, -1.9878, -15.8141



84.9310, 11.3730, -7.8325

# Complementary

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



86.0580, -7.9166, 19.2431



91.9420, 7.9166, -19.2431

# 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.



81.7940, 12.4266, -19.1133



86.0580, -7.9166, 19.2431



79.6980, 4.5859, -24.2911

# Square

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



86.0580, -7.9166, 19.2431



82.4910, -8.1301, -5.6926



80.0660, 9.8275, -25.4909



86.7970, 7.9881, 4.5630



# Rectangle

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



86.0580, -7.9166, 19.2431



84.3680, -11.5204, 8.4473



80.0660, 9.8275, -25.4909



83.8380, 12.4049, -12.1359

# Sweetspot

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



86.0580, -7.9166, 19.2431



131.2460, -3.0793, 7.6773



84.7820, 7.5025, 20.3622



65.8650, -1.9054, 4.5034



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.



86.0580, -7.9166, 19.2431



106.2720, -12.4591, 29.5795



97.2110, -13.4150, 9.4620



50.3810, -1.1738, 3.1739



49.6580, -24.4814, 59.0589



103.7790, -51.1630, 123.8508



# Inverse Universe

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



91.9420, 7.9166, -19.2431



115.3150, 12.1697, -30.0943



80.7890, 13.4150, -9.4620



51.0320, 1.4632, -2.6591



67.9290, 24.1920, -59.5737



141.2210, 51.1630, -123.8508



# Previews

## White Background



This preview shows how the YUV color 86.0580, -7.9166, 19.2431 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 86.0580, -7.9166, 19.2431 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

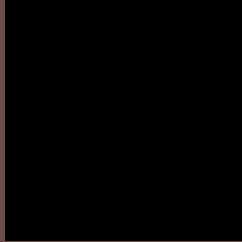
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 86.0580, -7.9166, 19.2431

## Background



This preview shows how black text looks on a background with the YUV color 86.0580, -7.9166, 19.2431.



This preview shows how white text looks on a background with the YUV color 86.0580, -7.9166,



# 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

86.0580, -7.9166, 19.2431

### Protanopia

84.8280, -5.8312, 3.6588

### Deuteranopia

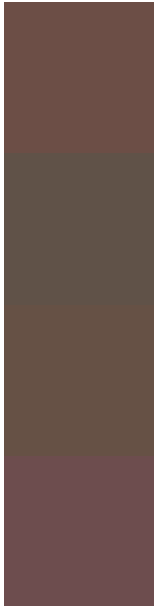
85.6010, -8.1843, 11.7509



## Tritanopia

86.5510, -2.2436, 19.6878

# Trichromacy



## Original Color

86.0580, -7.9166, 19.2431

## Protanomaly

85.0460, -6.4317, 9.6067

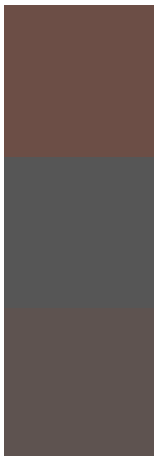
## Deuteranomaly

85.9110, -8.3371, 14.1101

## Tritanomaly

86.6820, -4.2802, 19.5729

# Monochromacy



## Original Color

86.0580, -7.9166, 19.2431

## Achromatopsia

86.0000, 0.0000, 0.0000

## Achromatomaly

85.9470, -2.9319, 7.0625

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.0580, -7.9166, 19.2431 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, 78, 70)` looks like.

```
.text, #text, p{  
    color:rgb(108, 78, 70)  
}
```

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, 78, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 78, 70) }
```

## Border

The CSS property to change the border of an element to YUV 86.0580, -7.9166, 19.2431 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, 78, 70) }
```



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

```
.border{ border-color:rgb(108, 78, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 78, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 78, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 78, 70);  
box-shadow:4px 4px 4px 4px rgb(108, 78,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 86.0580, -7.9166, 19.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 78, 70) }
```

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

```
.background{ background-color: rgb(108, 78,  
70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor