

Converting Colors

YUV(85.5680, -4.7170, 19.6729)

Have a look what the booklet for
YUV(85.5680, -4.7170, 19.6729)
contains.

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Color

**YUV(85.5680, -4.7170,
19.6729)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4C4C
RGB	108, 76, 76
RGB Percent	42%, 30%, 30%
CMY	0.5765, 0.7020, 0.7020
CMYK	0.00, 0.30, 0.30, 0.58
HSL	0°, 17%, 36%
HSV	0°, 30%, 42%
XYZ	10.0733, 8.8788, 8.0203
YIQ	85.5680, 19.0720, 6.7840

Conversions

Conversions Part 2

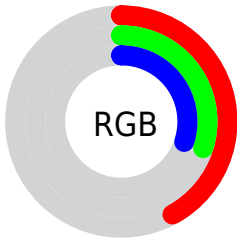
Format	Color
R_{YB}	108, 76, 76
Decimal	7097420
CIE _{Lab}	35.75, 13.56, 5.39
CIE _{LCh}	36, 14.588, 21.666
Yxy	8.8788, 0.3735, 0.3292
Android (android.graphics.Color)	4285287500 (0xFF6C4C4C)
YUV	85.5680, -4.7170, 19.6729
Hunter-Lab	29.7974, 8.1983, 4.8995

Details

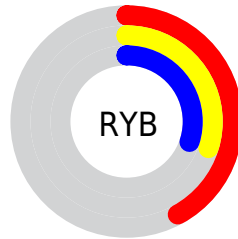
The YUV color **85.5680, -4.7170, 19.6729** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **98.4320, 4.7170, -19.6729**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4650, -5.1592, 21.5172**, and **40.0730, -3.9800, 16.5990** is the 20% darker color. If you saturate the color by 10%, you get **77.8570, -6.3385, 26.4354**, and if you desaturate by 10%, it is **93.2790, -3.0955, 12.9103**.

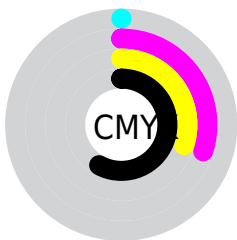
Distribution



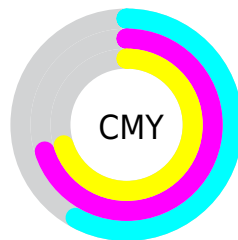
- Red (42%)
- Green (30%)
- Blue (30%)



- Red (42%)
- Yellow (30%)
- Blue (30%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5680, -4.7170, 19.6729 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 85.5680, -4.7170, 19.6729 by changing the saturation by 10% instead.

■ 85.5680, -4.7170,
19.6729

■ 85.5680, -4.7170,
19.6729

■ 255.0000, 0.0000,
0.0000

■ 61.9700, -4.4222,
18.4433

■ 135.4650, -5.1592,
21.5172

■ 40.0730, -3.9800,
16.5990

■ 162.0630, -5.4541,
22.7467

■ 18.1440, -5.0010,
17.4137

■ 189.2480, -6.0383,
23.4615

■ 0.0000, 0.0000,
0.0000

■ 216.6610, -5.7489,
23.9763

■ 240.1650, -3.5323,
13.0103

■ 85.5680, -4.7170,
19.6729

■ 85.5680, -4.7170,
19.6729

■ 77.8570, -6.3385,
26.4354

■ 93.2790, -3.0955,
12.9103

■ 70.1460, -7.9600,
33.1980

■ 100.9900, -1.4741,
6.1478

■ 63.1360, -9.4340,
39.3457

■ 108.0000, 0.0000,
0.0000

■ 55.4250, -11.0555,
46.1083

■ 115.7110, 1.6215,
-6.7625

■ 47.7140, -12.6770,
52.8708

■ 123.4220, 3.2430,
-13.5251

■ 40.0030, -14.2985,
59.6334

■ 131.1330, 4.8644,
-20.2876

■ 32.2920, -15.9200,
66.3959

■ 138.8440, 6.4859,
-27.0502

■ 145.8540, 7.9600,

-33.1980

■ 153.5650, 9.5815,
-39.9605

Harmonies

Analogous

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



86.0390, 0.9668, 16.6288



85.5680, -4.7170, 19.6729



84.4060, -9.0742, 17.1839

Triad

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



85.5680, -4.7170, 19.6729



81.0390, -5.9352, -9.6812



82.4140, 12.1209, -14.3951

Complementary

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



85.5680, -4.7170, 19.6729



98.4320, 4.7170, -19.6729

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.



79.7180, 10.9850, -23.4317



85.5680, -4.7170, 19.6729



79.2920, 0.3490, -18.6731

Square

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



85.5680, -4.7170, 19.6729



82.6660, -10.1883, 1.1699



79.1540, 6.3331, -24.6911



84.7360, 10.4832, -2.3995

Rectangle

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



85.5680, -4.7170, 19.6729



84.2160, -10.9525, 12.9656



79.1540, 6.3331, -24.6911



81.3920, 12.1317, -17.8838

Sweetspot

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



85.5680, -4.7170, 19.6729



131.5880, -1.7689, 7.3773



89.2160, 9.2605, 16.4736



66.0930, -1.0318, 4.3034



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.



85.5680, -4.7170, 19.6729



104.9500, -7.3704, 30.7388



94.9600, -9.3473, 11.4361



49.7940, -0.8844, 3.6887



34.9830, -17.2466, 71.9289



73.2550, -36.1147, 150.6204

Inverse Universe

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



98.4320, 4.7170, -19.6729



125.0500, 7.3704, -30.7388



89.0400, 9.3473, -11.4361



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Previews

White Background



This preview shows how the YUV color 85.5680, -4.7170, 19.6729 looks on a white background.

Color Contrast Check

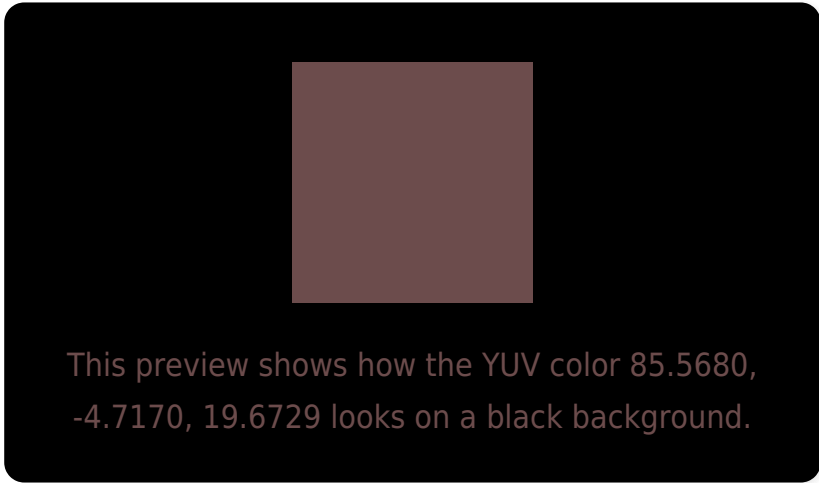
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.5680, -4.7170, 19.6729

Background



This preview shows how black text looks on a background with the YUV color 85.5680, -4.7170, 19.6729.



This preview shows how white text looks on a background with the YUV color 85.5680, -4.7170,

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

85.5680, -4.7170, 19.6729

Protanopia

84.4410, -2.1894, 2.2442

Deuteranopia

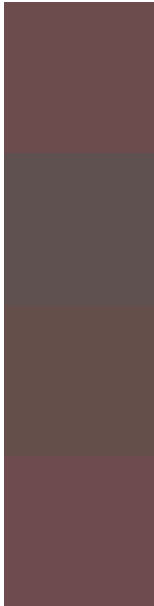
84.8010, -4.8319, 9.8215



Tritanopia

85.8500, -2.3910, 20.3026

Trichromacy



Original Color

85.5680, -4.7170, 19.6729

Protanomaly

84.9580, -2.9373, 8.8068

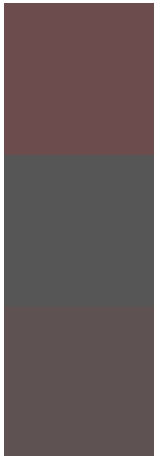
Deuteranomaly

84.8230, -4.8427, 13.3102

Tritanomaly

85.6220, -3.2646, 20.5025

Monochromacy



Original Color

85.5680, -4.7170, 19.6729

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.5880, -1.7689, 7.3773

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5680, -4.7170, 19.6729 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, 76, 76)` looks like.

```
.text, #text, p{  
    color:rgb(108, 76, 76)  
}
```

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, 76, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 76, 76) }
```

Border

The CSS property to change the border of an element to YUV 85.5680, -4.7170, 19.6729 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, 76, 76) }
```


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

```
.border{ border-color:rgb(108, 76, 76) }
```

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

Here you see how a box with a 4 pixel rgb(108, 76, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 76, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 76, 76);  
box-shadow:4px 4px 4px 4px rgb(108, 76,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 85.5680, -4.7170, 19.6729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 76, 76) }
```

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

```
.background{ background-color: rgb(108, 76,  
76) }
```

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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