

Converting Colors

YUV(86.0580, -4.4656, 32.3981)

Have a look what the booklet for
YUV(86.0580, -4.4656, 32.3981)
contains.

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Color

**YUV(86.0580, -4.4656,
32.3981)**

Conversions

Conversions Part 1

Format	Color
Hex	7B454D
RGB	123, 69, 77
RGB Percent	48%, 27%, 30%
CMY	0.5176, 0.7294, 0.6980
CMYK	0.00, 0.44, 0.37, 0.52
HSL	351°, 28%, 38%
HSV	351°, 44%, 48%
XYZ	11.6361, 9.0030, 8.1456
YIQ	86.0580, 29.6160, 13.9360

Conversions

Conversions Part 2

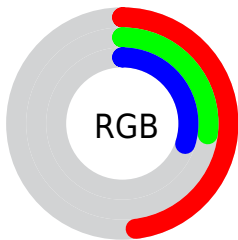
Format	Color
R_{YB}	123, 69, 77
Decimal	8078669
CIE _{Lab}	35.99, 24.18, 5.37
CIE _{LCh}	36, 24.764, 12.514
Yxy	9.0030, 0.4042, 0.3128
Android (android.graphics.Color)	4286268749 (0xFF7B454D)
YUV	86.0580, -4.4656, 32.3981
Hunter-Lab	30.0050, 16.7141, 4.9077

Details


The YUV color **86.0580, -4.4656, 32.3981** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **105.9420, 4.4656, -32.3981**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.5530, -5.2026, 35.4720**, and **38.7910, -2.8550, 29.1243** is the 20% darker color. If you saturate the color by 10%, you get **77.8740, -5.3609, 39.5755**, and if you desaturate by 10%, it is **94.2420, -3.5703, 25.2208**.

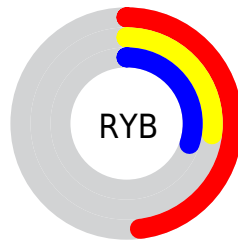
Distribution



 Red (48%)

 Green (27%)

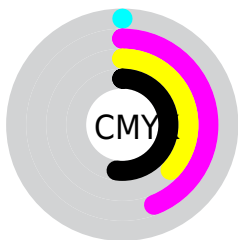
 Blue (30%)





 Red (48%)

 Yellow (27%)

 Blue (30%)

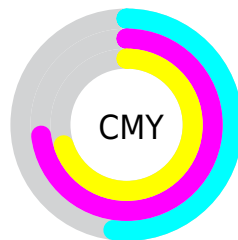


 Cyan (0%)

 Magenta (44%)

 Yellow (37%)

 Black (52%)



 Cyan (52%)

 Magenta (73%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0580, -4.4656, 32.3981 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, -4.4656, 32.3981 by changing the saturation by 10% instead.

86.0580, -4.4656,
32.3981

86.0580, -4.4656,
32.3981

255.0000, 0.0000,
0.0000

62.1610, -4.0234,
30.5538

136.5530, -5.2026,
35.4720

38.7910, -2.8550,
29.1243

163.1510, -5.4974,
36.7016

16.0790, -2.9969,
27.9947

190.6350, -6.2291,
38.0311

5.0830, -2.5059,
10.4512

216.5420, -5.1972,
33.7277

0.0000, 0.0000,
0.0000

236.1700, -1.0698,
16.5139

■ 86.0580, -4.4656,
32.3981

■ 86.0580, -4.4656,
32.3981

■ 77.8740, -5.3609,
39.5755

■ 94.2420, -3.5703,
25.2208

■ 68.9890, -6.4036,
47.3676

■ 103.1270, -2.5276,
17.4286

■ 60.8050, -7.2989,
54.5450

■ 111.3110, -1.6323,
10.2513

■ 52.5070, -8.6310,
61.8224

■ 119.6090, -0.3002,
2.9739

■ 43.7360, -9.2368,
69.5145

■ 128.3800, 0.3057,
-4.7183

■ 38.8290, -10.2687,
73.8180

■ 136.6780, 1.6377,
-11.9956

■ 144.8620, 2.5330,
-19.1730

■ 153.1600, 3.8651,

-26.4503

■ 161.9310, 4.4710,
-34.1425

Harmonies

Analogous

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



86.8320, 5.0128, 25.5803



86.0580, -4.4656, 32.3981



85.1580, -12.8959, 29.6794

Triad

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



86.0580, -4.4656, 32.3981



79.7200, -12.1870, -11.1554



76.0070, 22.6745, -39.4711

Complementary

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



86.0580, -4.4656, 32.3981



105.9420, 4.4656, -32.3981

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.



67.8320, 21.2818, -59.4887



86.0580, -4.4656, 32.3981



75.6450, -1.7970, -30.3837

Square

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



86.0580, -4.4656, 32.3981



82.2230, -18.3509, 5.9434



66.6660, 12.9827, -57.5891



83.9610, 19.2462, -13.1208

Rectangle

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



86.0580, -4.4656, 32.3981



84.3870, -16.9528, 24.2166



66.6660, 12.9827, -57.5891



71.7560, 23.2913, -50.6520

Sweetspot

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



86.0580, -4.4656, 32.3981



146.6210, -1.7852, 12.6104



88.9100, 16.8064, 22.8809



73.0010, -1.4795, 7.8921



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



86.0580, -4.4656, 32.3981



102.7830, -7.2880, 51.0563



96.2990, -13.4584, 23.4168



56.9080, -0.4476, 3.5887



39.5410, -10.1267, 74.9475



79.5660, -20.9850, 151.2246

Inverse Universe

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



86.0580, -4.4656, 32.3981



102.7830, -7.2880, 51.0563



95.7010, 13.4584, -23.4168



56.9080, -0.4476, 3.5887



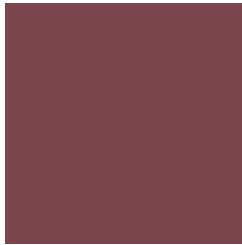
39.5410, -10.1267, 74.9475



79.5660, -20.9850, 151.2246

Previews

White Background



This preview shows how the YUV color 86.0580, -4.4656, 32.3981 looks on a white background.

Color Contrast Check

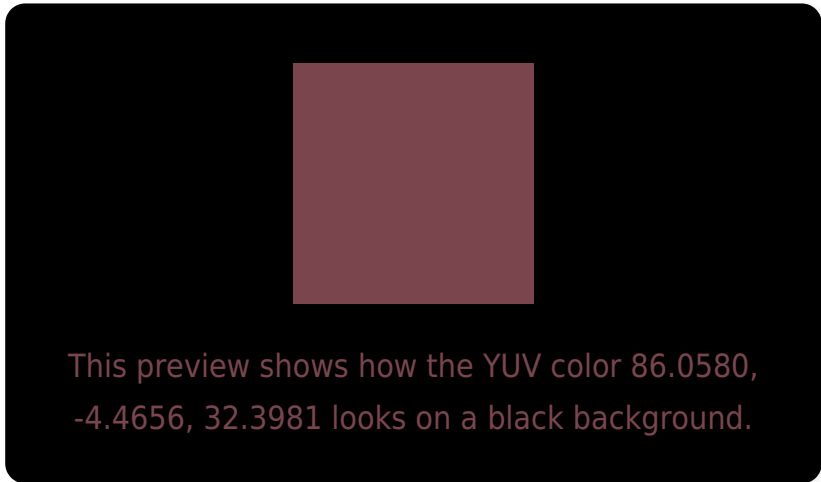
Large Text (above 18pt) WCAG AA ✓ Pass

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

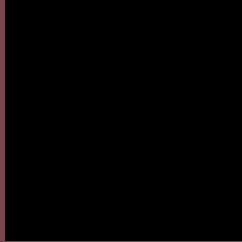
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.0580, -4.4656, 32.3981

Background



This preview shows how black text looks on a background with the YUV color 86.0580, -4.4656, 32.3981.

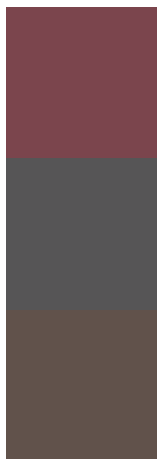


This preview shows how white text looks on a background with the YUV color 86.0580, -4.4656,

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, -4.4656, 32.3981

Protanopia

85.4130, 0.2894, 0.5148

Deuteranopia

85.6870, -5.2687, 9.9215



Tritanopia

85.7160, -5.7760, 32.6981

Trichromacy



Original Color

86.0580, -4.4656, 32.3981

Protanomaly

85.4360, -1.2009, 11.8956

Deuteranomaly

85.5570, -4.7116, 17.9285

Tritanomaly

85.8300, -5.3392, 32.5981

Monochromacy



Original Color

86.0580, -4.4656, 32.3981

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0230, -1.4903, 11.3808

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0580, -4.4656, 32.3981 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(123, 69, 77)` looks like.

```
.text, #text, p{  
    color:rgb(123, 69, 77)  
}
```

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(123, 69, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 69, 77) }
```

Border

The CSS property to change the border of an element to YUV 86.0580, -4.4656, 32.3981 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(123, 69, 77) }
```


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

```
.border{ border-color:rgb(123, 69, 77) }
```

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

Here you see how a box with a 4 pixel rgb(123, 69, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 69, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 69, 77);  
box-shadow:4px 4px 4px 4px rgb(123, 69,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 86.0580, -4.4656, 32.3981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 69, 77) }
```

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

```
.background{ background-color: rgb(123, 69,  
77) }
```

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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