

Converting Colors

YUV(84.5480, -14.5672, 5.6584)

Have a look what the booklet for
YUV(84.5480, -14.5672, 5.6584)
contains.

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Color

**YUV(84.5480, -14.5672,
5.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5737
RGB	91, 87, 55
RGB Percent	36%, 34%, 22%
CMY	0.6431, 0.6588, 0.7843
CMYK	0.00, 0.04, 0.40, 0.64
HSL	53°, 25%, 29%
HSV	53°, 40%, 36%
XYZ	8.4122, 9.3164, 4.9693
YIQ	84.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

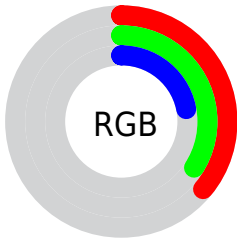
Format	Color
RYB	60, 91, 55
Decimal	5986103
CIELab	36.59, -3.84, 19.19
CIELCh	37, 19.574, 101.322
Yxy	9.3164, 0.3706, 0.4105
Android (android.graphics.Color)	4284176183 (0xFF5B5737)
YUV	84.5480, -14.5672, 5.6584
Hunter-Lab	30.5227, -4.2196, 11.7131

Details

The YUV color **84.5480, -14.5672, 5.6584** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **61.4520, 14.5672, -5.6584**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5050, -16.0250, 6.5731**, and **39.0640, -13.8356, 4.3289** is the 20% darker color. If you saturate the color by 10%, you get **82.9350, -18.2090, 7.0730**, and if you desaturate by 10%, it is **86.1610, -10.9254, 4.2438**.

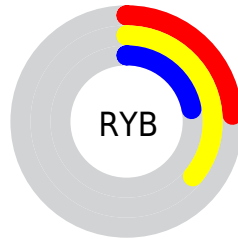
Distribution



Red (36%)

Green (34%)

Blue (22%)



Red (24%)

Yellow (36%)

Blue (22%)

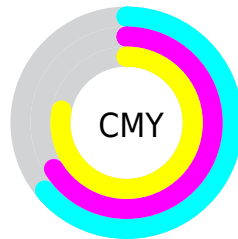


Cyan (0%)

Magenta (4%)

Yellow (40%)

Black (64%)



Cyan (64%)

Magenta (66%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.5480, -14.5672, 5.6584 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 84.5480, -14.5672, 5.6584 by changing the saturation by 10% instead.

84.5480, -14.5672,
5.6584

84.5480, -14.5672,
5.6584

255.0000, 0.0000,
0.0000

61.3630, -13.9830,
4.9436

134.5050,
-16.0250, 6.5731

39.0640, -13.8356,
4.3289

160.6900,
-16.6092, 7.2879

19.4920, -9.6096,
2.1995

187.6900,
-16.6092, 7.2879

0.0000, 0.0000,
0.0000

215.4620,
-17.4828, 7.4878

243.7610,
-17.6302, 8.1026

252.8340, -8.2992,

1.8996

■ 84.5480, -14.5672,
5.6584

■ 84.5480, -14.5672,
5.6584

■ 82.9350, -18.2090,
7.0730

■ 86.1610, -10.9254,
4.2438

■ 81.3220, -21.8507,
8.4876

■ 87.7740, -7.2836,
2.8292

■ 79.7090, -25.4925,
9.9022

■ 89.3870, -3.6418,
1.4146

■ 78.0960, -29.1343,
11.3168

■ 91.0000, 0.0000,
0.0000

■ 76.3690, -33.2129,
12.8314

■ 92.7270, 4.0786,
-1.5146

■ 74.7560, -36.8547,
14.2460

■ 94.3400, 7.7204,
-2.9292

■ 95.9530, 11.3622,
-4.3438

■ 97.5660, 15.0040,
-5.7584

■ 99.1790, 18.6458,
-7.1730

Harmonies

Analogous

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



86.3260, -14.4577, 17.2541



84.5480, -14.5672, 5.6584



82.6110, -10.1612, -7.5518

Triad

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



84.5480, -14.5672, 5.6584



77.4280, 14.0860, -38.0864



88.2720, 4.3029, 19.9325

Complementary

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



84.5480, -14.5672, 5.6584



61.4520, 14.5672, -5.6584

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.



88.2040, 10.7454, 6.8371



84.5480, -14.5672, 5.6584



80.8900, 16.8162, -27.0905

Square

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



84.5480, -14.5672, 5.6584



77.6150, 7.0918, -34.7424



85.9460, 15.3096, -10.4766



87.6550, -3.2809, 25.7356

Rectangle

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



84.5480, -14.5672, 5.6584



80.8100, -5.3293, -17.3734



85.9460, 15.3096, -10.4766



88.7060, 6.0609, 16.0438

Sweetspot

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



84.5480, -14.5672, 5.6584



114.8170, -5.8258, 1.9145



66.2200, -3.5595, 21.7321



57.3870, -3.6418, 1.4146



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



84.5480, -14.5672, 5.6584



107.2080, -22.2875, 8.5876



82.7100, -13.6610, -5.0077



44.8430, -1.8946, 1.0147



89.8290, -44.2857, 17.6900



194.7200, -95.9970, 37.0796

Inverse Universe

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



61.4520, 14.5672, -5.6584



71.7920, 22.2875, -8.5876



63.2900, 13.6610, 5.0077



42.1570, 1.8946, -1.0147



19.5840, 44.5751, -17.1752



42.2800, 95.9970, -37.0796

Previews

White Background



This preview shows how the YUV color 84.5480, -14.5672, 5.6584 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 84.5480, -14.5672, 5.6584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

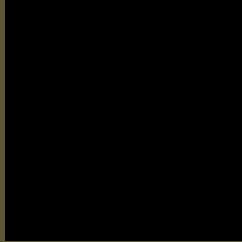
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.5480, -14.5672, 5.6584

Background



This preview shows how black text looks on a background with the YUV color 84.5480, -14.5672, 5.6584.

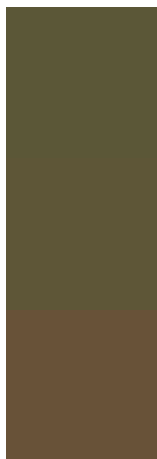


This preview shows how white text looks on a background with the YUV color 84.5480, -14.5672,

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

84.5480, -14.5672, 5.6584

Protanopia

84.8580, -14.7200, 8.0175

Deuteranopia

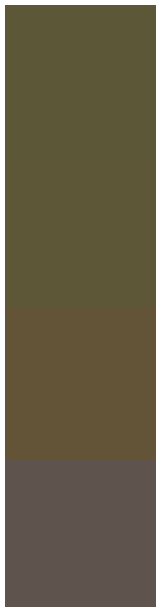
85.6140, -14.5997, 16.1245



Tritanopia

87.2720, 0.8519, 6.7775

Trichromacy



Original Color

84.5480, -14.5672, 5.6584

Protanomaly

84.5590, -14.5726, 7.4028

Deuteranomaly

85.2930, -14.4414, 12.0210

Tritanomaly

86.1920, -4.5317, 6.8476

Monochromacy



Original Color

84.5480, -14.5672, 5.6584

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.5480, -14.5672, 5.6584 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(91, 87, 55)` looks like.

```
.text, #text, p{  
    color:rgb(91, 87, 55)  
}
```

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(91, 87, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 87, 55) }
```

Border

The CSS property to change the border of an element to YUV 84.5480, -14.5672, 5.6584 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(91, 87, 55) }
```


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

```
.border{ border-color:rgb(91, 87, 55) }
```

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

Here you see how a box with a 4 pixel rgb(91, 87, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 87, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 87, 55);  
box-shadow:4px 4px 4px 4px rgb(91, 87, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.5480, -14.5672, 5.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 87, 55) }
```

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

```
.background{ background-color: rgb(91, 87,  
55) }
```

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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