

Converting Colors

YUV(85.4580, -14.5228,
38.1863)

Have a look what the booklet for
YUV(85.4580, -14.5228, 38.1863)
contains.

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Color

**YUV(85.4580, -14.5228,
38.1863)**

Conversions

Conversions Part 1

Format	Color
Hex	814538
RGB	129, 69, 56
RGB Percent	51%, 27%, 22%
CMY	0.4941, 0.7294, 0.7804
CMYK	0.00, 0.47, 0.57, 0.49
HSL	11°, 39%, 36%
HSV	11°, 57%, 51%
XYZ	11.8952, 9.2089, 4.8919
YIQ	85.4580, 39.9330, 8.6770

Conversions

Conversions Part 2

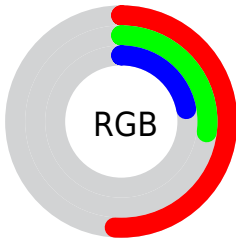
Format	Color
R_{YB}	129, 72, 56
Decimal	8471864
CIE Lab	36.38, 24.31, 19.22
CIE LCh	36, 30.988, 38.325
Yxy	9.2089, 0.4576, 0.3542
Android (android.graphics.Color)	4286661944 (0xFF814538)
YUV	85.4580, -14.5228, 38.1863
Hunter-Lab	30.3462, 16.8633, 11.6845

Details

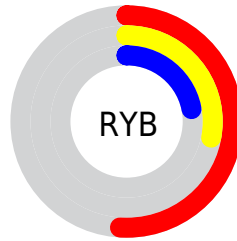
The YUV color **85.4580, -14.5228, 38.1863** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **99.5420, 14.5228, -38.1863**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3230, -16.4282, 42.6897**, and **37.7070, -12.1806, 33.5830** is the 20% darker color. If you saturate the color by 10%, you get **77.5190, -17.0179, 45.1488**, and if you desaturate by 10%, it is **93.3970, -12.0277, 31.2238**.

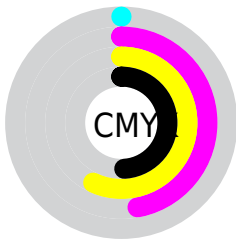
Distribution



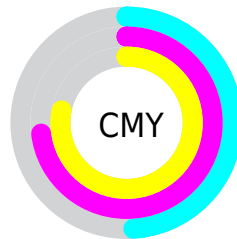
- Red (51%)
- Green (27%)
- Blue (22%)



- Red (51%)
- Yellow (28%)
- Blue (22%)



- Cyan (0%)
- Magenta (47%)
- Yellow (57%)
- Black (49%)



- Cyan (49%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4580, -14.5228, 38.1863 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 85.4580, -14.5228, 38.1863 by changing the saturation by 10% instead.

■ 85.4580, -14.5228,
38.1863

■ 85.4580, -14.5228,
38.1863

■ 255.0000, 0.0000,
0.0000

■ 61.3760, -13.4964,
35.6272

■ 136.3230,
-16.4282, 42.6897

■ 37.7070, -12.1806,
33.5830

■ 163.1060,
-17.3073, 44.6340

■ 15.8360, -7.8071,
30.8388

■ 190.5900,
-18.0389, 45.9636

■ 5.9800, -2.9481,
12.2955

■ 213.6920,
-16.1172, 36.2271

■ 0.0000, 0.0000,
0.0000

■ 233.3200,
-11.9898, 19.0134

■ 252.9480, -7.8624,

1.7996

■ 85.4580, -14.5228,
38.1863

■ 85.4580, -14.5228,
38.1863

■ 77.5190, -17.0179,
45.1488

■ 93.3970, -12.0277,
31.2238

■ 70.1670, -19.8023,
51.5965

■ 100.7490, -9.2433,
24.7761

■ 62.2280, -22.2974,
58.5590

■ 108.6880, -6.7482,
17.8136

■ 54.8760, -25.0819,
65.0067

■ 116.0400, -3.9637,
11.3659

■ 52.0720, -25.6715,
67.4659

■ 123.9790, -1.4686,
4.4034

■ 131.8040, 0.5896,
-2.4591

■ 139.1560, 3.3741,
-8.9068

■ 147.0950, 5.8692,
-15.8693

■ 154.4470, 8.6536,
-22.3170

Harmonies

Analogous

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



86.1560, -3.0349, 40.2052



85.4580, -14.5228, 38.1863



84.6170, -22.4892, 26.6459

Triad

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



85.4580, -14.5228, 38.1863



73.7320, -3.8119, -37.4760



82.6160, 25.8253, -23.3422

Complementary

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



85.4580, -14.5228, 38.1863



99.5420, 14.5228, -38.1863

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.



69.5250, 30.3072, -60.9734



85.4580, -14.5228, 38.1863



68.0140, 11.8251, -59.6483

Square

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



85.4580, -14.5228, 38.1863



79.7540, -17.1337, -11.1853



70.1630, 22.5976, -61.5330



87.8650, 18.3076, 8.0114

Rectangle

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



85.4580, -14.5228, 38.1863



83.3830, -24.3458, 15.4501



70.1630, 22.5976, -61.5330



78.3970, 27.9053, -37.1822

Sweetspot

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



85.4580, -14.5228, 38.1863



151.3070, -5.5744, 14.6398



84.7810, 15.8840, 38.7801



73.8440, -3.3741, 8.9068



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



85.4580, -14.5228, 38.1863



99.8260, -22.5922, 59.7886



106.5900, -24.9409, 19.6536



60.2670, -1.6106, 3.2738



51.7730, -25.5241, 66.8511



0.0000, 0.0000, 0.0000

Inverse Universe

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



99.5420, 14.5228, -38.1863



122.1740, 22.5922, -59.7886



78.4100, 24.9409, -19.6536



61.3200, 1.3212, -3.7886



76.2270, 25.5241, -66.8511



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.4580, -14.5228, 38.1863 looks on a white background.

Color Contrast Check

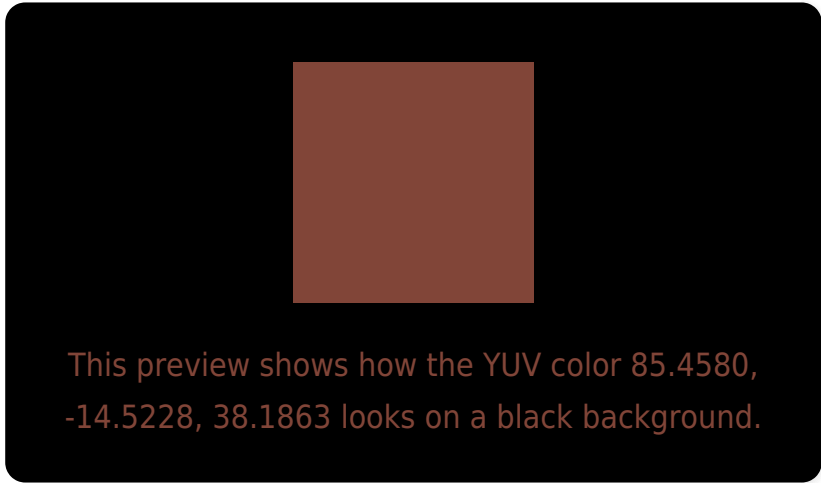
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.4580, -14.5228, 38.1863

Background



This preview shows how black text looks on a background with the YUV color 85.4580, -14.5228, 38.1863.

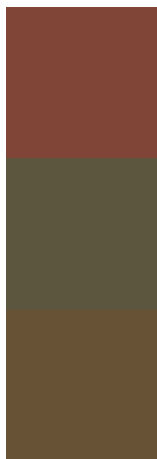


This preview shows how white text looks on a background with the YUV color 85.4580, -14.5228,

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

85.4580, -14.5228, 38.1863

Protanopia

85.4710, -11.0782, 6.6029

Deuteranopia

85.2720, -15.9101, 16.4245



Tritanopia

86.4070, -7.1027, 38.2311

Trichromacy



Original Color

85.4580, -14.5228, 38.1863

Protanomaly

85.4940, -12.5685, 17.9838

Deuteranomaly

85.1420, -15.3530, 24.4315

Tritanomaly

86.3100, -10.0128, 38.3161

Monochromacy



Original Color

85.4580, -14.5228, 38.1863

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0080, -5.4269, 14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4580, -14.5228, 38.1863 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(129, 69, 56)` looks like.

```
.text, #text, p{  
    color:rgb(129, 69, 56)  
}
```

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(129, 69, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 69, 56) }
```

Border

The CSS property to change the border of an element to YUV 85.4580, -14.5228, 38.1863 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(129, 69, 56) }
```


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

```
.border{ border-color:rgb(129, 69, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 69, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 69, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 69, 56);  
box-shadow:4px 4px 4px 4px rgb(129, 69,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 85.4580, -14.5228, 38.1863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 69, 56) }
```

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

```
.background{ background-color: rgb(129, 69,  
56) }
```

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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