

Converting Colors

YUV(85.9540, -6.8793, 13.1953)

Have a look what the booklet for
YUV(85.9540, -6.8793, 13.1953)
contains.

YUV(85.9540, -6.8793, 13.1953)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.9540, -6.8793,
13.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	655148
RGB	101, 81, 72
RGB Percent	40%, 32%, 28%
CMY	0.6039, 0.6824, 0.7176
CMYK	0.00, 0.20, 0.29, 0.60
HSL	19°, 17%, 34%
HSV	19°, 29%, 40%
XYZ	9.4790, 9.1194, 7.3915
YIQ	85.9540, 14.8090, 1.4410

Conversions

Conversions Part 2

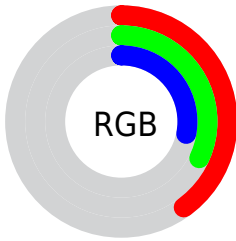
Format	Color
R_{YB}	101, 85, 72
Decimal	6639944
CIE _{Lab}	36.21, 6.81, 8.44
CIE _{LCh}	36, 10.843, 51.076
Yxy	9.1194, 0.3647, 0.3509
Android (android.graphics.Color)	4284830024 (0xFF655148)
YUV	85.9540, -6.8793, 13.1953
Hunter-Lab	30.1984, 3.1820, 6.6268

Details

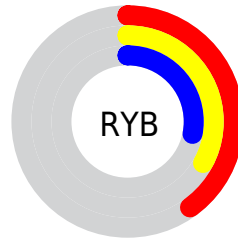
The YUV color **85.9540, -6.8793, 13.1953** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.0460, 6.8793, -13.1953**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4380, -7.6109, 14.5249**, and **40.2850, -5.5635, 11.1511** is the 20% darker color. If you saturate the color by 10%, you get **80.7050, -9.2216, 17.7987**, and if you desaturate by 10%, it is **91.2030, -4.5371, 8.5920**.

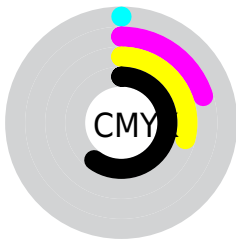
Distribution



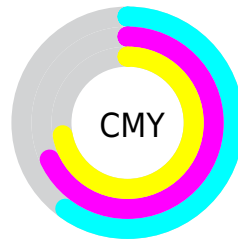
- Red (40%)
- Green (32%)
- Blue (28%)



- Red (40%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (20%)
- Yellow (29%)
- Black (60%)



- Cyan (60%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9540, -6.8793, 13.1953 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 85.9540, -6.8793, 13.1953 by changing the saturation by 10% instead.

■ 85.9540, -6.8793,
13.1953

■ 85.9540, -6.8793,
13.1953

■ 255.0000, 0.0000,
0.0000

■ 62.7690, -6.2951,
12.4806

■ 135.4380, -7.6109,
14.5249

■ 40.2850, -5.5635,
11.1511

■ 161.7370, -7.7583,
15.1397

■ 19.4870, -8.6211,
11.8509

■ 189.0360, -7.9057,
15.7544

■ 0.0000, 0.0000,
0.0000

■ 216.9220, -8.3425,
15.8544

■ 242.5300, -7.1633,
10.9362

■ 85.9540, -6.8793,
13.1953

■ 85.9540, -6.8793,
13.1953

■ 80.7050, -9.2216,
17.7987

■ 91.2030, -4.5371,
8.5920

■ 75.4560, -11.5638,
22.4021

■ 96.4520, -2.1948,
3.9886

■ 70.2070, -13.9061,
27.0055

■ 101.7010, 0.1474,
-0.6148

■ 64.9580, -16.2483,
31.6088

■ 106.9500, 2.4897,
-5.2181

■ 59.7090, -18.5905,
36.2122

■ 112.3130, 5.2687,
-9.9215

■ 54.3460, -21.3696,
40.9156

■ 117.5620, 7.6109,
-14.5249

■ 49.0970, -23.7118,
45.5189

■ 122.8110, 9.9532,
-19.1282

■ 48.3960, -23.8592,

■ 128.0600, 12.2954,

46.1337

-23.7316

■ 133.3090, 14.6377,
-28.3350

Harmonies

Analogous

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



86.1760, -3.5378, 14.7546



85.9540, -6.8793, 13.1953



85.4650, -8.6102, 8.3622

Triad

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



85.9540, -6.8793, 13.1953



82.2110, -0.1040, -13.3400



85.6390, 7.5730, -2.3144

Complementary

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



85.9540, -6.8793, 13.1953



87.0460, 6.8793, -13.1953

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.



84.2250, 8.7631, -10.7213



85.9540, -6.8793, 13.1953



81.7420, 4.5642, -17.3137

Square

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



85.9540, -6.8793, 13.1953



83.1040, -4.4883, -7.1072



82.5510, 7.6164, -16.2692



86.5970, 4.6357, 6.4924

Rectangle

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



85.9540, -6.8793, 13.1953



84.8450, -8.3046, 3.6439



82.5510, 7.6164, -16.2692



85.4430, 8.1626, -4.7735

Sweetspot

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



85.9540, -6.8793, 13.1953



123.9360, -2.9264, 5.3181



82.9510, 4.4612, 15.8290



62.2670, -1.6106, 3.2738



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



85.9540, -6.8793, 13.1953



107.3740, -10.5374, 19.8430



94.1720, -10.9308, 5.9882



48.0820, -1.0264, 2.5591



55.5170, -27.3699, 52.1666



116.3830, -57.3768, 110.1661

Inverse Universe

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



87.0460, 6.8793, -13.1953



108.6260, 10.5374, -19.8430



78.8280, 10.9308, -5.9882



48.3310, 1.3158, -2.0443



59.4830, 27.3699, -52.1666



125.6170, 57.3768, -110.1661

Previews

White Background



This preview shows how the YUV color 85.9540, -6.8793, 13.1953 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 85.9540, -6.8793, 13.1953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

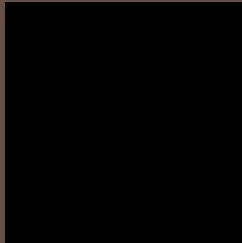
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9540, -6.8793, 13.1953

Background



This preview shows how black text looks on a background with the YUV color 85.9540, -6.8793, 13.1953.



This preview shows how white text looks on a background with the YUV color 85.9540, -6.8793,

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

85.9540, -6.8793, 13.1953

Protanopia

84.9420, -5.3944, 3.5589

Deuteranopia

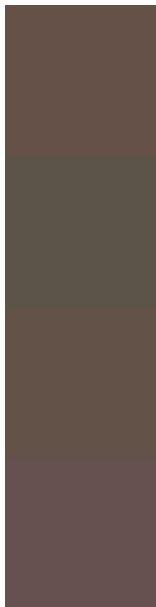
85.6440, -6.7265, 10.8362



Tritanopia

86.5610, -0.7696, 13.5400

Trichromacy



Original Color

85.9540, -6.8793, 13.1953

Protanomaly

85.4370, -6.1314, 6.6328

Deuteranomaly

85.9430, -6.8739, 11.4510

Tritanomaly

86.5780, -3.2430, 13.5251

Monochromacy



Original Color

85.9540, -6.8793, 13.1953

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.7510, -2.3422, 4.6034

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9540, -6.8793, 13.1953 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(101, 81, 72)` looks like.

```
.text, #text, p{  
    color:rgb(101, 81, 72)  
}
```

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(101, 81, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 81, 72) }
```

Border

The CSS property to change the border of an element to YUV 85.9540, -6.8793, 13.1953 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(101, 81, 72) }
```


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

```
.border{ border-color:rgb(101, 81, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 81, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 81, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 81, 72);  
box-shadow:4px 4px 4px 4px rgb(101, 81,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 85.9540, -6.8793, 13.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 81, 72) }
```

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

```
.background{ background-color: rgb(101, 81,  
72) }
```

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