

Converting Colors

YUV(85.7880, -15.1785,
15.0949)

Have a look what the booklet for
YUV(85.7880, -15.1785, 15.0949)
contains.

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Color

**YUV(85.7880, -15.1785,
15.0949)**

Conversions

Conversions Part 1

Format	Color
Hex	675337
RGB	103, 83, 55
RGB Percent	40%, 33%, 22%
CMY	0.5961, 0.6745, 0.7843
CMYK	0.00, 0.19, 0.47, 0.60
HSL	35°, 30%, 31%
HSV	35°, 47%, 40%
XYZ	9.3764, 9.3459, 4.9242
YIQ	85.7880, 20.9080, -4.4680

Conversions

Conversions Part 2

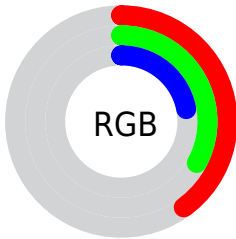
Format	Color
RYB	89, 103, 55
Decimal	6771511
CIELab	36.64, 4.13, 19.51
CIELCh	37, 19.937, 78.059
Yxy	9.3459, 0.3965, 0.3952
Android (android.graphics.Color)	4284961591 (0xFF675337)
YUV	85.7880, -15.1785, 15.0949
Hunter-Lab	30.5711, 1.2478, 11.8497

Details

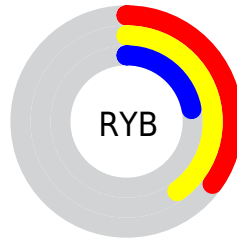
The YUV color **85.7880, -15.1785, 15.0949** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.2120, 15.1785, -15.0949**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4570, -16.4943, 17.1392**, and **39.8200, -13.7153, 12.4359** is the 20% darker color. If you saturate the color by 10%, you get **82.3000, -18.3889, 18.1539**, and if you desaturate by 10%, it is **89.2760, -11.9681, 12.0359**.

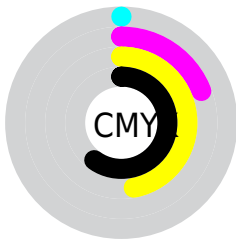
Distribution



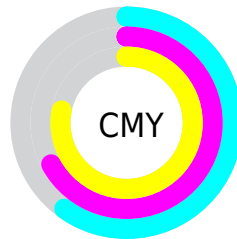
- Red (40%)
- Green (33%)
- Blue (22%)



- Red (35%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (60%)



- Cyan (60%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7880, -15.1785, 15.0949 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 85.7880, -15.1785, 15.0949 by changing the saturation by 10% instead.

85.7880, -15.1785,
15.0949

85.7880, -15.1785,
15.0949

255.0000, 0.0000,
0.0000

62.3040, -14.4469,
13.7654

135.4570,
-16.4943, 17.1392

39.8200, -13.7153,
12.4359

161.9410,
-17.2259, 18.4687

20.1340, -9.9261,
10.4065

189.1260,
-17.8101, 19.1835

0.0000, 0.0000,
0.0000

217.0120,
-18.2469, 19.2835

241.4240,
-16.4780, 11.9062

252.8340, -8.2992,

1.8996

■ 85.7880, -15.1785,
15.0949

■ 85.7880, -15.1785,
15.0949

■ 82.3000, -18.3889,
18.1539

■ 89.2760, -11.9681,
12.0359

■ 78.1110, -21.7467,
21.8277

■ 93.4650, -8.6102,
8.3622

■ 74.6230, -24.9571,
24.8866

■ 96.9530, -5.3998,
5.3032

■ 71.1350, -28.1676,
27.9456

■ 100.4410, -2.1894,
2.2442

■ 67.6470, -31.3780,
31.0046

■ 104.0430, 1.4578,
-0.9147

■ 66.0170, -32.5464,
32.4341

■ 108.1180, 4.3788,
-4.4885

■ 111.6060, 7.5892,
-7.5475

■ 115.0940, 10.7997,
-10.6064

■ 119.2830, 14.1575,
-14.2802

Harmonies

Analogous

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



87.0540, -11.8586, 23.6316



85.7880, -15.1785, 15.0949



83.9390, -14.2669, 2.6845

Triad

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



85.7880, -15.1785, 15.0949



76.8750, 9.4286, -37.6014



88.5850, 9.5716, 10.0110

Complementary

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



85.7880, -15.1785, 15.0949



72.2120, 15.1785, -15.0949

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.



86.2670, 15.1514, -6.3732



85.7880, -15.1785, 15.0949



77.5960, 15.9752, -37.3567

Square

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



85.7880, -15.1785, 15.0949



79.7210, -0.3555, -26.0653



82.6130, 16.9528, -24.2166



88.7130, 2.1135, 22.1767

Rectangle

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



85.7880, -15.1785, 15.0949



82.7960, -10.7454, -6.8371



82.6130, 16.9528, -24.2166



88.3070, 11.1876, 4.9928

Sweetspot

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



85.7880, -15.1785, 15.0949



128.1380, -5.9840, 6.0180



71.6320, 1.6604, 27.5097



64.6970, -3.7946, 3.7737



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



85.7880, -15.1785, 15.0949



108.1390, -24.2255, 23.5571



96.3320, -20.3767, 2.3398



49.2560, -1.6052, 1.5295



73.7140, -36.3410, 36.2078



155.1250, -76.4766, 76.1894

Inverse Universe

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



72.2120, 15.1785, -15.0949



86.4480, 23.9361, -24.0719



61.6680, 20.3767, -2.3398



47.7440, 1.6052, -1.5295



41.2860, 36.3410, -36.2078



86.8750, 76.4766, -76.1894

Previews

White Background



This preview shows how the YUV color 85.7880, -15.1785, 15.0949 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 85.7880, -15.1785, 15.0949 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 85.7880, -15.1785, 15.0949

Background



This preview shows how black text looks on a background with the YUV color 85.7880, -15.1785, 15.0949.



This preview shows how white text looks on a background with the YUV color 85.7880, -15.1785,

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

85.7880, -15.1785, 15.0949

Protanopia

84.9720, -14.2832, 7.9176

Deuteranopia

86.0870, -15.3259, 15.7097



Tritanopia

87.7570, -1.3592, 15.9991

Trichromacy



Original Color

85.7880, -15.1785, 15.0949

Protanomaly

85.2820, -14.4360, 10.2767

Deuteranomaly

86.0870, -15.3259, 15.7097

Tritanomaly

86.7910, -6.3060, 15.9693

Monochromacy



Original Color

85.7880, -15.1785, 15.0949

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9530, -5.3998, 5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7880, -15.1785, 15.0949 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(103, 83, 55)` looks like.

```
.text, #text, p{  
    color:rgb(103, 83, 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(103, 83, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 83, 55) }
```

Border

The CSS property to change the border of an element to YUV 85.7880, -15.1785, 15.0949 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(103, 83, 55) }
```


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

```
.border{ border-color:rgb(103, 83, 55) }
```

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

Here you see how a box with a 4 pixel rgb(103, 83, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 83, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 83, 55);  
box-shadow:4px 4px 4px 4px rgb(103, 83,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 85.7880, -15.1785, 15.0949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 83, 55) }
```

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

```
.background{ background-color: rgb(103, 83,  
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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