

Converting Colors

YUV(85.7800, -16.1605,
50.1819)

Have a look what the booklet for
YUV(85.7800, -16.1605, 50.1819)
contains.

YUV(85.7800, -16.1605, 50.1819)	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(85.7800, -16.1605,
50.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	8F3F35
RGB	143, 63, 53
RGB Percent	56%, 25%, 21%
CMY	0.4392, 0.7529, 0.7922
CMYK	0.00, 0.56, 0.63, 0.44
HSL	7°, 46%, 38%
HSV	7°, 63%, 56%
XYZ	13.7478, 9.6517, 4.5065
YIQ	85.7800, 50.8900, 13.8500

Conversions

Conversions Part 2

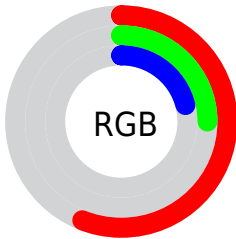
Format	Color
R_{YB}	143, 64, 53
Decimal	9387829
CIE Lab	37.21, 33.11, 22.56
CIE LCh	37, 40.065, 34.269
Yxy	9.6517, 0.4926, 0.3459
Android (android.graphics.Color)	4287577909 (0xFF8F3F35)
YUV	85.7800, -16.1605, 50.1819
Hunter-Lab	31.0672, 24.6220, 13.1466

Details

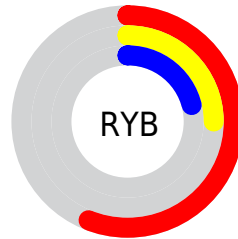
The YUV color **85.7800, -16.1605, 50.1819** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **110.2200, 16.1605, -50.1819**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8300, -18.6502, 55.4001**, and **34.6700, -12.6553, 45.8934** is the 20% darker color. If you saturate the color by 10%, you get **76.5530, -18.5136, 58.2740**, and if you desaturate by 10%, it is **95.0070, -13.8075, 42.0899**.

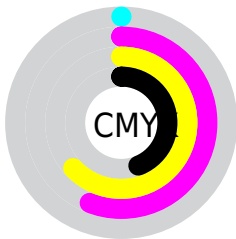
Distribution



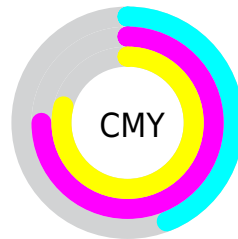
- Red (56%)
- Green (25%)
- Blue (21%)



- Red (56%)
- Yellow (25%)
- Blue (21%)



- Cyan (0%)
- Magenta (56%)
- Yellow (63%)
- Black (44%)



- Cyan (44%)
- Magenta (75%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7800, -16.1605, 50.1819 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 85.7800, -16.1605, 50.1819 by changing the saturation by 10% instead.

■ 85.7800, -16.1605,
50.1819

■ 85.7800, -16.1605,
50.1819

■ 255.0000, 0.0000,
0.0000

■ 60.9260, -14.2605,
47.4229

■ 137.8300,
-18.6502, 55.4001

■ 34.6700, -12.6553,
45.8934

■ 164.6130,
-19.5292, 57.3444

■ 17.9400, -8.8444,
36.8866

■ 190.9010,
-19.6712, 56.2148

■ 10.5790, -4.7224,
21.4172

■ 210.3010,
-16.4174, 39.2010

■ 0.0000, 0.0000,
0.0000

■ 229.9290,
-12.2900, 21.9873

■ 250.1440, -8.4520,

4.2587

■ 85.7800, -16.1605,
50.1819

■ 85.7800, -16.1605,
50.1819

■ 76.5530, -18.5136,
58.2740

■ 95.0070, -13.8075,
42.0899

■ 67.7990, -21.5929,
65.9513

■ 103.7610,
-10.7282, 34.4126

■ 58.5720, -23.9460,
74.0434

■ 112.9880, -8.3751,
26.3205

■ 52.1490, -25.7095,
79.6763

■ 122.2150, -6.0220,
18.2284

■ 131.5560, -3.2321,
10.0364

■ 140.1960, -0.5896,
2.4591

■ 149.4230, 1.7635,
-5.6330

■ 158.6500, 4.1165,
-13.7251

■ 167.4040, 7.1958,
-21.4023

Harmonies

Analogous

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



86.6890, -1.3257, 52.0157



85.7800, -16.1605, 50.1819



85.4780, -28.3367, 35.5378

Triad

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



85.7800, -16.1605, 50.1819



67.3940, -4.6312, -54.7195



75.2410, 37.8422, -51.0774

Complementary

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



85.7800, -16.1605, 50.1819



110.2200, 16.1605, -50.1819

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.



74.0560, 34.9754, -64.9471



85.7800, -16.1605, 50.1819



70.8350, 9.9413, -62.1223

Square

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



85.7800, -16.1605, 50.1819



79.8050, -24.5539, -11.2300



73.8960, 24.2083, -64.8068



89.6780, 25.3017, 4.6674

Rectangle

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



85.7800, -16.1605, 50.1819



84.1360, -33.0980, 22.6827



73.8960, 24.2083, -64.8068



71.9190, 39.4799, -63.0730

Sweetspot

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



85.7800, -16.1605, 50.1819



163.8130, -6.3168, 19.4580



89.1440, 22.1140, 47.2317



80.4530, -3.6743, 11.8807



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



85.7800, -16.1605, 50.1819



95.9640, -25.1253, 78.9616



111.6080, -28.8937, 27.5308



66.6800, -1.3212, 3.7886



49.1700, -24.2408, 75.2729



2.9790, -1.4686, 4.4034

Inverse Universe

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



110.2200, 16.1605, -50.1819



134.4490, 25.4146, -78.4468



84.3920, 28.8937, -27.5308



68.9070, 1.0318, -4.3034



85.8300, 24.2408, -75.2729



5.0210, 1.4686, -4.4034

Previews

White Background



This preview shows how the YUV color 85.7800, -16.1605, 50.1819 looks on a white background.

Color Contrast Check

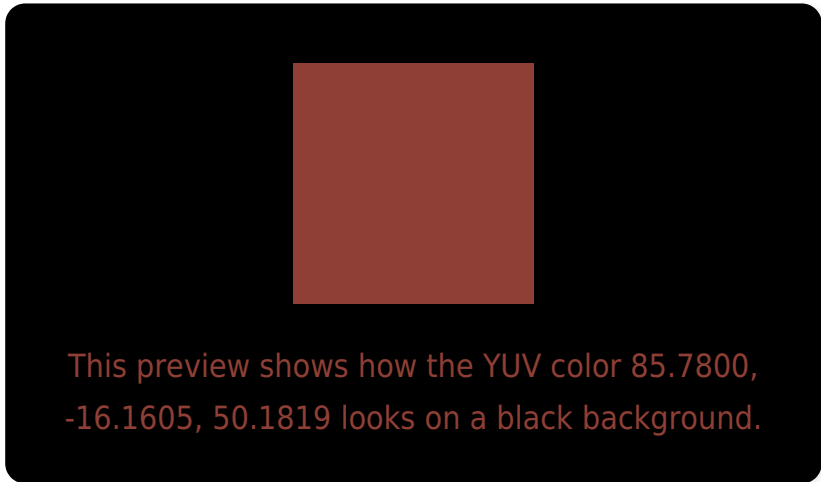
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.7800, -16.1605, 50.1819

Background



This preview shows how black text looks on a background with the YUV color 85.7800, -16.1605, 50.1819.

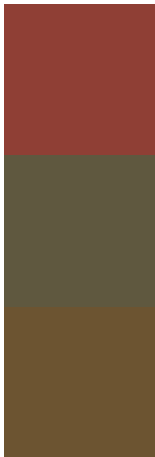


This preview shows how white text looks on a background with the YUV color 85.7800, -16.1605,

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

85.7800, -16.1605, 50.1819

Protanopia

87.2430, -11.9518, 6.8029

Deuteranopia

87.1860, -18.8257, 18.2539



Tritanopia

86.2730, -10.4876, 50.6266

Trichromacy



Original Color

85.7800, -16.1605, 50.1819

Protanomaly

86.5870, -13.6004, 22.2872

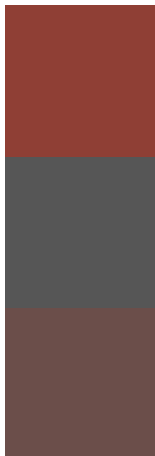
Deuteranomaly

86.4910, -17.9901, 30.2644

Tritanomaly

86.4040, -12.5242, 50.5117

Monochromacy



Original Color

85.7800, -16.1605, 50.1819

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2150, -6.0220, 18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7800, -16.1605, 50.1819 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(143, 63, 53)` looks like.

```
.text, #text, p{  
    color:rgb(143, 63, 53)  
}
```

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(143, 63, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 63, 53) }
```

Border

The CSS property to change the border of an element to YUV 85.7800, -16.1605, 50.1819 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(143, 63, 53) }
```


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

```
.border{ border-color:rgb(143, 63, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 63, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 63, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 63, 53);  
box-shadow:4px 4px 4px 4px rgb(143, 63,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 85.7800, -16.1605, 50.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 63, 53) }
```

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

```
.background{ background-color: rgb(143, 63,  
53) }
```

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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