

Converting Colors

YUV(85.3540, -16.9365,
18.9835)

Have a look what the booklet for
YUV(85.3540, -16.9365, 18.9835)
contains.

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Color

**YUV(85.3540, -16.9365,
18.9835)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5133
RGB	107, 81, 51
RGB Percent	42%, 32%, 20%
CMY	0.5804, 0.6824, 0.8000
CMYK	0.00, 0.24, 0.52, 0.58
HSL	32°, 35%, 31%
HSV	32°, 52%, 42%
XYZ	9.6034, 9.2497, 4.4112
YIQ	85.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

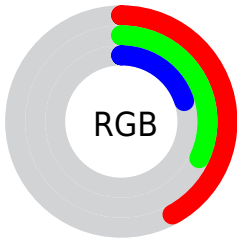
Format	Color
RYB	100, 107, 51
Decimal	7033139
CIELab	36.46, 6.76, 21.76
CIELCh	36, 22.784, 72.750
Yxy	9.2497, 0.4128, 0.3976
Android (android.graphics.Color)	4285223219 (0xFF6B5133)
YUV	85.3540, -16.9365, 18.9835
Hunter-Lab	30.4133, 3.1404, 12.6898

Details

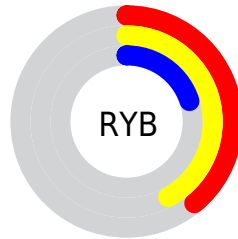
The YUV color **85.3540, -16.9365, 18.9835** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.6460, 16.9365, -18.9835**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3220, -18.3997, 21.6426**, and **39.1580, -16.3469, 16.5244** is the 20% darker color. If you saturate the color by 10%, you get **81.1650, -20.2943, 22.6573**, and if you desaturate by 10%, it is **89.5430, -13.5787, 15.3098**.

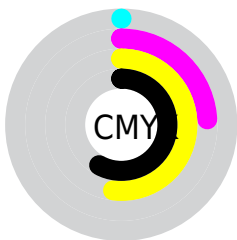
Distribution



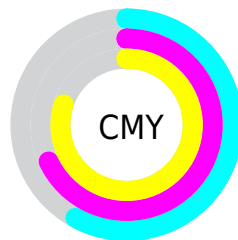
- Red (42%)
- Green (32%)
- Blue (20%)



- Red (39%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (52%)
- Black (58%)



- Cyan (58%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3540, -16.9365, 18.9835 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 85.3540, -16.9365, 18.9835 by changing the saturation by 10% instead.

■ 85.3540, -16.9365,
18.9835

■ 85.3540, -16.9365,
18.9835

255.0000, 0.0000,
0.0000

■ 61.8700, -16.2049,
17.6540

■ 135.3220,
-18.3997, 21.6426

■ 39.1580, -16.3469,
16.5244

■ 161.8060,
-19.1314, 22.9721

■ 19.5580, -9.6421,
12.6656

■ 188.9910,
-19.7156, 23.6869

■ 0.0000, 0.0000,
0.0000

■ 217.1760,
-20.2998, 24.4016

■ 239.6800,
-18.0832, 13.4356

■ 252.2640,

-10.4832, 2.3995

■ 85.3540, -16.9365,
18.9835

■ 85.3540, -16.9365,
18.9835

■ 81.1650, -20.2943,
22.6573

■ 89.5430, -13.5787,
15.3098

■ 77.0900, -23.2154,
26.2311

■ 93.6180, -10.6577,
11.7360

■ 72.9010, -26.5732,
29.9048

■ 97.8070, -7.2999,
8.0623

■ 68.7120, -29.9310,
33.5786

■ 101.9960, -3.9420,
4.3885

■ 65.4520, -32.2678,
36.4376

■ 106.1850, -0.5842,
0.7148

■ 110.2600, 2.3368,
-2.8590

■ 114.4490, 5.6946,
-6.5328

■ 118.6380, 9.0525,
-10.2065

■ 122.7130, 11.9735,
-13.7803

Harmonies

Analogous

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



86.3750, -12.0169, 27.7351



85.3540, -16.9365, 18.9835



83.6790, -16.6037, 5.5435

Triad

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



85.3540, -16.9365, 18.9835



73.2330, 9.7451, -45.8083



87.9700, 12.3398, 8.7963

Complementary

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



85.3540, -16.9365, 18.9835



72.6460, 16.9365, -18.9835

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.



85.2170, 17.6410, -11.5913



85.3540, -16.9365, 18.9835



71.0070, 19.2235, -52.6261

Square

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



85.3540, -16.9365, 18.9835



78.2540, -2.0972, -27.4098



79.3560, 20.0375, -33.6382



88.2940, 4.2921, 23.4212

Rectangle

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



85.3540, -16.9365, 18.9835



82.5960, -14.0978, -4.9077



79.3560, 20.0375, -33.6382



87.2080, 14.6875, 2.4486

Sweetspot

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



85.3540, -16.9365, 18.9835



131.6220, -6.7156, 7.3475



70.7080, 3.1020, 31.8281



65.9960, -3.9420, 4.3885



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



85.3540, -16.9365, 18.9835



105.9010, -26.5732, 29.9048



100.0180, -24.1659, 4.3692



51.5550, -1.7526, 2.1443



71.9640, -35.4783, 39.4966



150.1520, -74.0249, 83.1817

Inverse Universe

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



72.6460, 16.9365, -18.9835



86.0990, 26.5732, -29.9048



57.9820, 24.1659, -4.3692



50.4450, 1.7526, -2.1443



45.0360, 35.4783, -39.4966



94.8480, 74.0249, -83.1817

Previews

White Background



This preview shows how the YUV color 85.3540, -16.9365, 18.9835 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 85.3540, -16.9365, 18.9835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

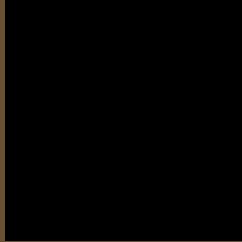
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3540, -16.9365, 18.9835

Background



This preview shows how black text looks on a background with the YUV color 85.3540, -16.9365, 18.9835.



This preview shows how white text looks on a background with the YUV color 85.3540, -16.9365,

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

85.3540, -16.9365, 18.9835

Protanopia

84.6300, -15.5936, 8.2175

Deuteranopia

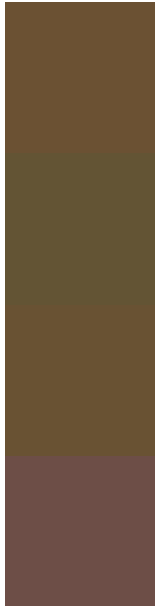
85.0440, -16.7837, 16.6244



Tritanopia

87.5510, -2.2436, 19.6878

Trichromacy



Original Color

85.3540, -16.9365, 18.9835

Protanomaly

84.8370, -16.1886, 12.4210

Deuteranomaly

85.3430, -16.9311, 17.2392

Tritanomaly

86.4710, -7.6272, 19.7579

Monochromacy



Original Color

85.3540, -16.9365, 18.9835

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.4370, -6.1314, 6.6328

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3540, -16.9365, 18.9835 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(107, 81, 51)` looks like.

```
.text, #text, p{  
    color:rgb(107, 81, 51)  
}
```

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(107, 81, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 81, 51) }
```

Border

The CSS property to change the border of an element to YUV 85.3540, -16.9365, 18.9835 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(107, 81, 51) }
```


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

```
.border{ border-color:rgb(107, 81, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 81, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 81, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 81, 51);  
box-shadow:4px 4px 4px 4px rgb(107, 81,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 85.3540, -16.9365, 18.9835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 81, 51) }
```

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

```
.background{ background-color: rgb(107, 81,  
51) }
```

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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