

Converting Colors

YUV(113.4680, -16.4997,
18.8836)

Have a look what the booklet for
YUV(113.4680, -16.4997, 18.8836)
contains.

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Color

**YUV(113.4680, -16.4997,
18.8836)**

Conversions

Conversions Part 1

Format	Color
Hex	876D50
RGB	135, 109, 80
RGB Percent	53%, 43%, 31%
CMY	0.4706, 0.5725, 0.6863
CMYK	0.00, 0.19, 0.41, 0.47
HSL	32°, 26%, 42%
HSV	32°, 41%, 53%
XYZ	16.9083, 16.6674, 9.9154
YIQ	113.4680, 24.8050, -3.5070

Conversions

Conversions Part 2

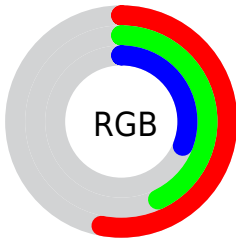
Format	Color
R_YB	129, 135, 80
Decimal	8875344
CIE Lab	47.84, 6.04, 20.09
CIE LCh	48, 20.974, 73.261
Yxy	16.6674, 0.3888, 0.3832
Android (android.graphics.Color)	4287065424 (0xFF876D50)
YUV	113.4680, -16.4997, 18.8836
Hunter-Lab	40.8257, 2.4823, 14.1782

Details

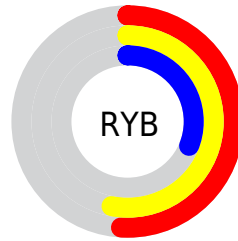
The YUV color **113.4680, -16.4997, 18.8836** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **101.5320, 16.4997, -18.8836**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1370, -17.8155, 20.9279**, and **65.5000, -15.0365, 16.2245** is the 20% darker color. If you saturate the color by 10%, you get **108.3500, -20.8785, 23.3721**, and if you desaturate by 10%, it is **118.5860, -12.1209, 14.3951**.

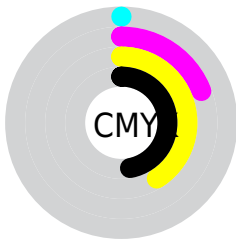
Distribution



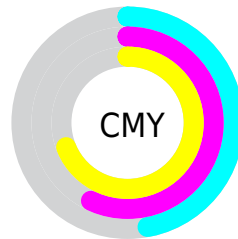
- Red (53%)
- Green (43%)
- Blue (31%)



- Red (51%)
- Yellow (53%)
- Blue (31%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4680, -16.4997, 18.8836 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 113.4680, -16.4997, 18.8836 by changing the saturation by 10% instead.

■ 113.4680,
-16.4997, 18.8836

■ 113.4680,
-16.4997, 18.8836

■ 255.0000, 0.0000,
0.0000

■ 88.9840, -15.7681,
17.5540

■ 165.1370,
-17.8155, 20.9279

■ 65.5000, -15.0365,
16.2245

■ 192.7350,
-18.1104, 22.1574

■ 43.0160, -14.3049,
14.8950

■ 220.6210,
-18.5472, 22.2574

■ 22.8030, -11.2419,
12.4508

■ 243.4130,
-16.4726, 10.1618

■ 0.0000, 0.0000,
0.0000

■ 253.1760, -6.9888,
1.5996

■ 113.4680,
-16.4997, 18.8836

■ 113.4680,
-16.4997, 18.8836

■ 108.3500,
-20.8785, 23.3721

■ 118.5860,
-12.1209, 14.3951

■ 102.7590,
-24.5312, 28.2754

■ 124.1770, -8.4683,
9.4918

■ 97.6410, -28.9100,
32.7638

■ 129.1810, -4.5262,
5.1033

■ 92.0500, -32.5626,
37.6672

■ 134.8860, -0.4368,
0.1000

■ 86.9320, -36.9415,
42.1556

■ 139.8900, 3.5052,
-4.2885

■ 82.0420, -40.4467,
46.4442

■ 145.0080, 7.8841,
-8.7770

■ 150.7130, 11.9735,
-13.7803

■ 155.7170, 15.9155,

-18.1688

■ 160.8350, 20.2943,
-22.6573

Harmonies

Analogous

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



114.9620, -12.3063, 27.2203



113.4680, -16.4997, 18.8836



111.7930, -16.1669, 5.4435

Triad

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



113.4680, -16.4997, 18.8836



104.5330, 8.1182, -37.3014



115.7420, 11.4662, 8.9963

Complementary

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



113.4680, -16.4997, 18.8836



101.5320, 16.4997, -18.8836

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.



113.1140, 17.1988, -9.7470



113.4680, -16.4997, 18.8836



105.1720, 15.6912, -39.6158

Square

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



113.4680, -16.4997, 18.8836



107.2650, -2.1026, -25.6654



109.0470, 18.7108, -28.1052



116.4680, 3.7133, 22.3916

Rectangle

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



113.4680, -16.4997, 18.8836



110.2370, -12.9348, -4.5928



109.0470, 18.7108, -28.1052



115.2790, 13.6665, 3.2633

Sweetspot

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



113.4680, -16.4997, 18.8836



167.7360, -6.2788, 7.2475



99.5230, 3.6862, 31.1133



84.1100, -3.5052, 4.2885



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



113.4680, -16.4997, 18.8836



142.1290, -25.6996, 29.7049



128.4310, -23.8765, 4.8840



63.5550, -1.7526, 2.1443



79.3730, -39.1309, 44.3999



1.4840, -0.7316, 1.3295

Inverse Universe

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



101.5320, 16.4997, -18.8836



123.2840, 25.9890, -29.1901



86.5690, 23.8765, -4.8840



62.4450, 1.7526, -2.1443



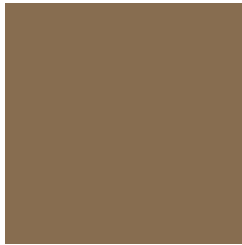
50.6270, 39.1309, -44.3999



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 113.4680, -16.4997, 18.8836 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 × Fail

Black Background



This preview shows how the YUV color 113.4680, -16.4997, 18.8836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

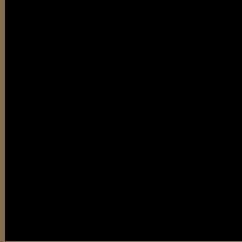
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.4680, -16.4997, 18.8836

Background



This preview shows how black text looks on a background with the YUV color 113.4680, -16.4997, 18.8836.



This preview shows how white text looks on a background with the YUV color 113.4680, -16.4997,

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

113.4680, -16.4997, 18.8836

Protanopia

112.7440, -15.1568, 8.1175

Deuteranopia

113.4680, -16.4997, 18.8836



Tritanopia

115.7790, -1.3700, 19.4878

Trichromacy



Original Color

113.4680, -16.4997, 18.8836

Protanomaly

112.9510, -15.7518, 12.3210

Deuteranomaly

113.4680, -16.4997, 18.8836

Tritanomaly

114.6990, -6.7536, 19.5580

Monochromacy



Original Color

113.4680, -16.4997, 18.8836

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.4370, -6.1314, 6.6328

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4680, -16.4997, 18.8836 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(135, 109, 80)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 80)  
}
```

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(135, 109, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 80) }
```

Border

The CSS property to change the border of an element to YUV 113.4680, -16.4997, 18.8836 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(135, 109, 80) }
```


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

```
.border{ border-color:rgb(135, 109, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 109, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 109, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 109, 80);  
box-shadow:4px 4px 4px 4px rgb(135, 109,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 113.4680, -16.4997, 18.8836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 80) }
```

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

```
.background{ background-color: rgb(135,  
109, 80) }
```

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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