

Converting Colors

YUV(111.8700, -16.2049,
17.6540)

Have a look what the booklet for
YUV(111.8700, -16.2049, 17.6540)
contains.

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Color

**YUV(111.8700, -16.2049,
17.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	846C4F
RGB	132, 108, 79
RGB Percent	52%, 42%, 31%
CMY	0.4824, 0.5765, 0.6902
CMYK	0.00, 0.18, 0.40, 0.48
HSL	33°, 25%, 41%
HSV	33°, 40%, 52%
XYZ	16.2896, 16.1952, 9.6646
YIQ	111.8700, 23.6130, -3.9310

Conversions

Conversions Part 2

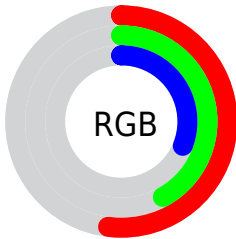
Format	Color
R_{YB}	123, 132, 79
Decimal	8678479
CIE Lab	47.23, 5.19, 19.80
CIE LCh	47, 20.471, 75.308
Yxy	16.1952, 0.3865, 0.3842
Android (android.graphics.Color)	4286868559 (0xFF846C4F)
YUV	111.8700, -16.2049, 17.6540
Hunter-Lab	40.2432, 1.8272, 13.9315

Details

The YUV color **111.8700, -16.2049, 17.6540** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **99.1300, 16.2049, -17.6540**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5390, -17.5207, 19.6983**, and **63.9020, -14.7417, 14.9949** is the 20% darker color. If you saturate the color by 10%, you get **106.8660, -20.1469, 22.0425**, and if you desaturate by 10%, it is **116.8740, -12.2629, 13.2655**.

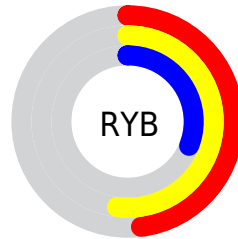
Distribution



Red (52%)

Green (42%)

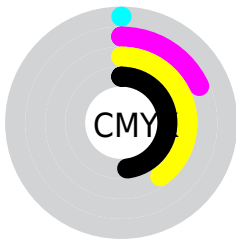
Blue (31%)



Red (48%)

Yellow (52%)

Blue (31%)

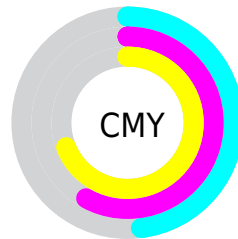


Cyan (0%)

Magenta (18%)

Yellow (40%)

Black (48%)



Cyan (48%)

Magenta (58%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8700, -16.2049, 17.6540 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 111.8700, -16.2049, 17.6540 by changing the saturation by 10% instead.

■ 111.8700,
-16.2049, 17.6540

■ 111.8700,
-16.2049, 17.6540

■ 255.0000, 0.0000,
0.0000

■ 87.3860, -15.4733,
16.3245

■ 163.5390,
-17.5207, 19.6983

■ 63.9020, -14.7417,
14.9949

■ 190.7240,
-18.1049, 20.4131

■ 41.4180, -14.0101,
13.6654

■ 218.9090,
-18.6891, 21.1278

■ 21.6180, -10.6577,
11.7360

■ 242.1250,
-16.3306, 11.2914

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,
1.7996

■ 111.8700,
-16.2049, 17.6540

■ 111.8700,
-16.2049, 17.6540

■ 106.8660,
-20.1469, 22.0425

■ 116.8740,
-12.2629, 13.2655

■ 101.8620,
-24.0890, 26.4310

■ 121.8780, -8.3209,
8.8770

■ 96.7440, -28.4678,
30.9195

■ 126.9960, -3.9420,
4.3885

■ 91.7400, -32.4098,
35.3080

■ 132.0000, 0.0000,
0.0000

■ 86.7360, -36.3518,
39.6965

■ 137.0040, 3.9420,
-4.3885

■ 81.7320, -40.2939,
44.0850

■ 142.0080, 7.8841,
-8.7770

■ 147.0120, 11.8261,
-13.1655

■ 152.1300, 16.2049,

-17.6540

■ 157.1340, 20.1469,
-22.0425

Harmonies

Analogous

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



113.2500, -12.4482, 26.0908



111.8700, -16.2049, 17.6540



110.3090, -15.4353, 4.1140

Triad

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



111.8700, -16.2049, 17.6540



103.8320, 7.9708, -36.6867



114.5140, 10.5926, 9.1962

Complementary

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



111.8700, -16.2049, 17.6540



99.1300, 16.2049, -17.6540

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.



112.4840, 16.0304, -8.3175



111.8700, -16.2049, 17.6540



104.1830, 15.6858, -37.8715

Square

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



111.8700, -16.2049, 17.6540



105.4930, -1.2290, -25.8654



107.9440, 18.2686, -26.2609



114.6530, 3.1291, 23.1063

Rectangle

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



111.8700, -16.2049, 17.6540



109.0520, -12.3506, -5.3076



107.9440, 18.2686, -26.2609



114.3500, 12.6455, 4.0781

Sweetspot

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



111.8700, -16.2049, 17.6540



163.3230, -6.5682, 6.7327



97.6970, 3.1074, 30.0837



82.1100, -3.5052, 4.2885



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



111.8700, -16.2049, 17.6540



139.9330, -25.1100, 27.2458



125.3600, -22.8555, 4.0693



63.5550, -1.7526, 2.1443



80.5470, -39.7097, 43.3703



1.4840, -0.7316, 1.3295

Inverse Universe

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



99.1300, 16.2049, -17.6540



120.0670, 25.1100, -27.2458



85.6400, 22.8555, -4.0693



62.4450, 1.7526, -2.1443



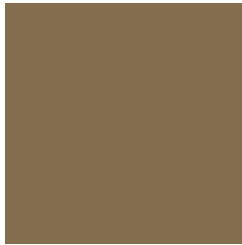
49.4530, 39.7097, -43.3703



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 111.8700, -16.2049, 17.6540 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 111.8700, -16.2049, 17.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

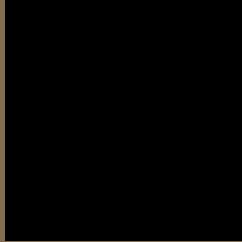
Any Text WCAG AA × Fail

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 111.8700, -16.2049, 17.6540 Background



This preview shows how black text looks on a background with the YUV color 111.8700, -16.2049, 17.6540.



This preview shows how white text looks on a background with the YUV color 111.8700, -16.2049, 17.6540.

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

111.8700, -16.2049, 17.6540

Protanopia

111.1570, -14.8674, 8.6323

Deuteranopia

111.5820, -16.0629, 18.7836



Tritanopia

114.1810, -1.0752, 18.2583

Trichromacy



Original Color

111.8700, -16.2049, 17.6540

Protanomaly

111.6520, -15.6044, 11.7062

Deuteranomaly

111.5820, -16.0629, 18.7836

Tritanomaly

113.1010, -6.4588, 18.3284

Monochromacy



Original Color

111.8700, -16.2049, 17.6540

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8700, -16.2049, 17.6540 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(132, 108, 79)` looks like.

```
.text, #text, p{  
    color:rgb(132, 108, 79)  
}
```

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(132, 108, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 108, 79) }
```

Border

The CSS property to change the border of an element to YUV 111.8700, -16.2049, 17.6540 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(132, 108, 79) }
```


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

```
.border{ border-color:rgb(132, 108, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 108, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 108, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 108, 79);  
box-shadow:4px 4px 4px 4px rgb(132, 108,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 111.8700, -16.2049, 17.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 108, 79) }
```

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

```
.background{ background-color: rgb(132,  
108, 79) }
```

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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