

Converting Colors

YUV(116.5060, -17.5045,
14.4652)

Have a look what the booklet for
YUV(116.5060, -17.5045, 14.4652)
contains.

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Color

**YUV(116.5060, -17.5045,
14.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	857351
RGB	133, 115, 81
RGB Percent	52%, 45%, 32%
CMY	0.4784, 0.5490, 0.6824
CMYK	0.00, 0.14, 0.39, 0.48
HSL	39°, 24%, 42%
HSV	39°, 39%, 52%
XYZ	17.2888, 17.8421, 10.3172
YIQ	116.5060, 21.6420, -6.7580

Conversions

Conversions Part 2

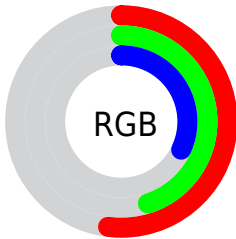
Format	Color
R_{YB}	109, 133, 81
Decimal	8745809
CIE Lab	49.30, 1.82, 21.41
CIE LCh	49, 21.490, 85.151
Yxy	17.8421, 0.3804, 0.3926
Android (android.graphics.Color)	4286935889 (0xFF857351)
YUV	116.5060, -17.5045, 14.4652
Hunter-Lab	42.2399, -0.8597, 15.0862

Details

The YUV color $[116.5060, -17.5045, 14.4652]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[97.4940, 17.5045, -14.4652]$, and the grayscale version is $[117.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[168.8760, -18.6729, 15.8947]$, and $[67.9510, -15.7518, 12.3210]$ is the 20% darker color. If you saturate the color by 10%, you get $[112.0890, -21.7359, 18.3389]$, and if you desaturate by 10%, it is $[120.9230, -13.2730, 10.5915]$.

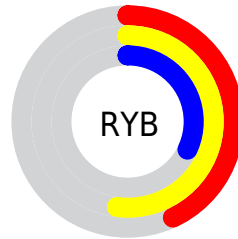
Distribution



Red (52%)

Green (45%)

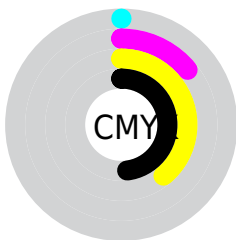
Blue (32%)



Red (43%)

Yellow (52%)

Blue (32%)

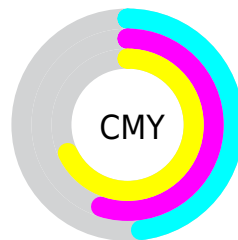


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (48%)



Cyan (48%)

Magenta (55%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5060, -17.5045, 14.4652 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 116.5060, -17.5045, 14.4652 by changing the saturation by 10% instead.

■ 116.5060,
-17.5045, 14.4652

■ 116.5060,
-17.5045, 14.4652

■ 255.0000, 0.0000,
0.0000

■ 92.0220, -16.7728,
13.1357

■ 168.8760,
-18.6729, 15.8947

■ 67.9510, -15.7518,
12.3210

■ 196.0610,
-19.2571, 16.6095

■ 45.3530, -15.4570,
11.0914

■ 224.2460,
-19.8413, 17.3243

■ 25.4390, -12.5414,
9.2620

■ 247.1630,
-17.3354, 6.8730

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,
1.4997

■ 116.5060,
-17.5045, 14.4652

■ 116.5060,
-17.5045, 14.4652

■ 112.0890,
-21.7359, 18.3389

■ 120.9230,
-13.2730, 10.5915

■ 108.1450,
-26.6935, 21.7978

■ 124.8670, -8.3154,
7.1326

■ 103.7280,
-30.9249, 25.6715

■ 129.2840, -4.0840,
3.2589

■ 99.8980, -35.4457,
29.0305

■ 133.1140, 0.4368,
-0.1000

■ 95.4810, -39.6771,
32.9042

■ 137.6450, 5.1050,
-4.0737

■ 90.9500, -44.3453,
36.8779

■ 142.0620, 9.3364,
-7.9474

■ 90.8360, -44.7821,
36.9778

■ 145.8920, 13.8572,
-11.3063

■ 150.3090, 18.0887,

-15.1800

■ 154.2530, 23.0463,
-18.6389

Harmonies

Analogous

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



117.9680, -14.7742, 25.4611



116.5060, -17.5045, 14.4652



114.6890, -15.1297, -0.6043

Triad

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



116.5060, -17.5045, 14.4652



107.8360, 11.9129, -41.0752



120.3900, 8.6817, 15.4440

Complementary

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



116.5060, -17.5045, 14.4652



97.4940, 17.5045, -14.4652

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.



118.7020, 15.4299, -2.3697



116.5060, -17.5045, 14.4652



110.1660, 18.1592, -37.8566

Square

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



116.5060, -17.5045, 14.4652



109.2580, 1.8448, -31.7983



114.7920, 18.8365, -21.7426



119.9910, 0.4974, 27.1949

Rectangle

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



116.5060, -17.5045, 14.4652



113.0620, -10.8766, -11.4554



114.7920, 18.8365, -21.7426



119.4540, 11.6082, 10.1258

Sweetspot

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



116.5060, -17.5045, 14.4652



166.6110, -6.7102, 5.6032



98.6000, 0.1972, 30.1688



82.6970, -3.7946, 3.7737



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.



116.5060, -17.5045, 14.4652



147.3300, -27.2777, 22.5126



124.6800, -21.5342, 0.2806



64.1420, -2.0420, 1.6295



88.7650, -43.7611, 36.1631



2.0710, -1.0210, 0.8147

Inverse Universe

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



97.4940, 17.5045, -14.4652



117.6700, 27.2777, -22.5126



89.3200, 21.5342, -0.2806



61.8580, 2.0420, -1.6295



41.2350, 43.7611, -36.1631



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 116.5060, -17.5045, 14.4652 looks on a white background.

Color Contrast Check

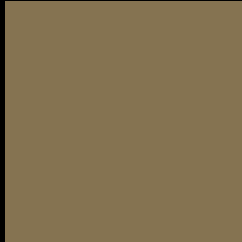
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5060, -17.5045, 14.4652 looks on a black 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

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

YUV 116.5060, -17.5045, 14.4652

Background



This preview shows how black text looks on a background with the YUV color 116.5060, -17.5045, 14.4652.



This preview shows how white text looks on a background with the YUV color 116.5060, -17.5045,

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

116.5060, -17.5045, 14.4652

Protanopia

116.0000, -16.7620, 9.6470

Deuteranopia

116.9520, -17.2313, 20.2131



Tritanopia

119.0990, -0.0488, 15.6992

Trichromacy



Original Color

116.5060, -17.5045, 14.4652

Protanomaly

116.0110, -16.7674, 11.3914

Deuteranomaly

116.6420, -17.0785, 17.8540

Tritanomaly

118.3780, -6.5954, 15.4545

Monochromacy



Original Color

116.5060, -17.5045, 14.4652

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7250, -6.2734, 5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5060, -17.5045, 14.4652 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(133, 115, 81)` looks like.

```
.text, #text, p{  
    color:rgb(133, 115, 81)  
}
```

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(133, 115, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 115, 81) }
```

Border

The CSS property to change the border of an element to YUV 116.5060, -17.5045, 14.4652 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(133, 115, 81) }
```


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

```
.border{ border-color:rgb(133, 115, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 115, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 115, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 115, 81);  
box-shadow:4px 4px 4px 4px rgb(133, 115,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 116.5060, -17.5045, 14.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 115, 81) }
```

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

```
.background{ background-color: rgb(133,  
115, 81) }
```

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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