

Converting Colors

YUV(107.1230, -16.8226,
-17.6479)

Have a look what the booklet for
YUV(107.1230, -16.8226, -17.6479)
contains.

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Color

**YUV(107.1230, -16.8226,
-17.6479)**

Conversions

Conversions Part 1

Format	Color
Hex	577C49
RGB	87, 124, 73
RGB Percent	34%, 49%, 29%
CMY	0.6588, 0.5137, 0.7137
CMYK	0.30, 0.00, 0.41, 0.51
HSL	104°, 26%, 39%
HSV	104°, 41%, 49%
XYZ	12.3407, 16.9226, 8.9193
YIQ	107.1230, -5.6810, -23.7050

Conversions

Conversions Part 2

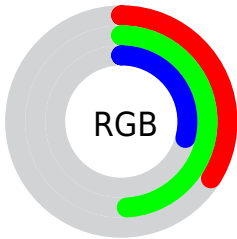
Format	Color
R_{YB}	73, 124, 110
Decimal	5733449
CIE _{Lab}	48.16, -23.38, 23.76
CIE _{LCh}	48, 33.335, 134.529
Yxy	16.9226, 0.3232, 0.4432
Android (android.graphics.Color)	4283923529 (0xFF577C49)
YUV	107.1230, -16.8226, -17.6479
Hunter-Lab	41.1371, -18.4415, 15.9408

Details

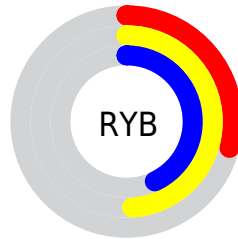
The YUV color **107.1230, -16.8226, -17.6479** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **89.8770, 16.8226, 17.6479**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0690, -18.2750, -18.4775**, and **58.8780, -15.2229, -17.4330** is the 20% darker color. If you saturate the color by 10%, you get **103.0640, -20.7376, -21.9811**, and if you desaturate by 10%, it is **111.1820, -12.9077, -13.3146**.

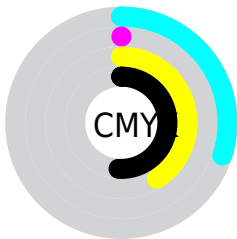
Distribution



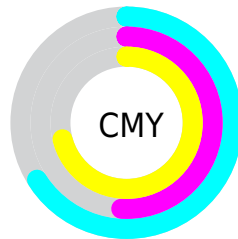
- Red (34%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (43%)



- Cyan (30%)
- Magenta (0%)
- Yellow (41%)
- Black (51%)



- Cyan (66%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.1230, -16.8226, -17.6479 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 107.1230, -16.8226, -17.6479 by changing the saturation by 10% instead.

■ 107.1230,
-16.8226, -17.6479

■ 107.1230,
-16.8226, -17.6479

■ 255.0000, 0.0000,
0.0000

■ 82.6500, -16.0965,
-17.2331

■ 159.0690,
-18.2750, -18.4775

■ 58.8780, -15.2229,
-17.4330

■ 185.9550,
-18.7118, -18.3775

■ 35.4650, -15.5122,
-17.9478

■ 214.1290,
-19.2906, -19.4071

■ 18.7840, -9.2605,
-16.4736

■ 238.9060,
-17.7017, -15.7036

■ 0.0000, 0.0000,
0.0000

■ 250.4700, -9.5987,
-1.2892

■ 107.1230,
-16.8226, -17.6479

■ 107.1230,
-16.8226, -17.6479

■ 103.0640,
-20.7376, -21.9811

■ 111.1820,
-12.9077, -13.3146

■ 98.8910, -25.0893,
-26.2144

■ 115.3550, -8.5560,
-9.0813

■ 94.8320, -29.0042,
-30.5477

■ 119.4140, -4.6411,
-4.7481

■ 90.6590, -33.3559,
-34.7809

■ 123.5870, -0.2894,
-0.5148

■ 86.6000, -37.2708,
-39.1142

■ 127.6460, 3.6255,
3.8185

■ 82.9540, -40.8963,
-42.9327

■ 131.7050, 7.5404,
8.1517

■ 135.8780, 11.8921,
12.3850

■ 139.9370, 15.8071,

16.7183

■ 144.1100, 20.1588,
20.9515

Harmonies

Analogous

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



110.5730, -25.9185, 6.5135



107.1230, -16.8226, -17.6479



100.3610, -1.1640, -46.7976

Triad

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



107.1230, -16.8226, -17.6479



100.0460, 33.5013, -58.7993



115.8640, -6.8350, 45.7233

Complementary

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



107.1230, -16.8226, -17.6479



89.8770, 16.8226, 17.6479

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.



116.9520, 6.4327, 36.8761



107.1230, -16.8226, -17.6479



113.1160, 27.5508, -16.7647

Square

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



107.1230, -16.8226, -17.6479



91.9910, 30.0774, -80.6761



117.6100, 18.4333, 14.3740



114.6280, -19.0436, 41.5452

Rectangle

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



107.1230, -16.8226, -17.6479



89.1750, 14.2107, -78.2065



117.6100, 18.4333, 14.3740



116.0040, -2.4670, 44.7235

Sweetspot

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



107.1230, -16.8226, -17.6479



154.5340, -6.6723, -6.6073



109.9680, -18.2252, 12.3061



77.9410, -3.9149, -4.3333



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



107.1230, -16.8226, -17.6479



134.9510, -26.1048, -27.1440



104.1910, -9.9542, -27.3545



59.1200, -2.0312, -1.8592



83.5410, -41.1857, -43.4475



168.5550, -83.0976, -87.3097

Inverse Universe

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



89.8770, 16.8226, 17.6479



108.0490, 26.1048, 27.1440



92.8090, 9.9542, 27.3545



57.1790, 1.8838, 2.4740



41.4590, 41.1857, 43.4475



83.4450, 83.0976, 87.3097

Previews

White Background



This preview shows how the YUV color 107.1230, -16.8226, -17.6479 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 107.1230, -16.8226, -17.6479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

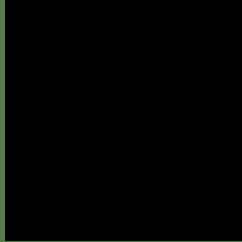
Any Text WCAG AA × Fail

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 107.1230, -16.8226, -17.6479 Background



This preview shows how black text looks on a background with the YUV color 107.1230, -16.8226, -17.6479.



This preview shows how white text looks on a background with the YUV color 107.1230, -16.8226, -17.6479.

-17.6479.

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

107.1230, -16.8226, -17.6479

Protanopia

112.1590, -21.2774, 11.2616

Deuteranopia

113.3110, -18.3943, 19.8983



Tritanopia

112.4480, 7.1741, -14.4249

Trichromacy



Original Color

107.1230, -16.8226, -17.6479

Protanomaly

110.4350, -19.9345, 0.4955

Deuteranomaly

110.7500, -17.6247, 6.3583

Tritanomaly

110.4450, -1.6984, -15.2993

Monochromacy



Original Color

107.1230, -16.8226, -17.6479

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0610, -5.9461, -6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1230, -16.8226, -17.6479 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(87, 124, 73)` looks like.

```
.text, #text, p{  
    color:rgb(87, 124, 73)  
}
```

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(87, 124, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 124, 73) }
```

Border

The CSS property to change the border of an element to YUV 107.1230, -16.8226, -17.6479 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(87, 124, 73) }
```


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

```
.border{ border-color:rgb(87, 124, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 124, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 124, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 124, 73);  
box-shadow:4px 4px 4px 4px rgb(87, 124,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 107.1230, -16.8226, -17.6479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 124, 73) }
```

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

```
.background{ background-color: rgb(87, 124,  
73) }
```

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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