

Converting Colors

YUV(117.0760, -18.7715,
0.8103)

Have a look what the booklet for
YUV(117.0760, -18.7715, 0.8103)
contains.

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Color

**YUV(117.0760, -18.7715,
0.8103)**

Conversions

Conversions Part 1

Format	Color
Hex	767C4F
RGB	118, 124, 79
RGB Percent	46%, 49%, 31%
CMY	0.5373, 0.5137, 0.6902
CMYK	0.05, 0.00, 0.36, 0.51
HSL	68°, 22%, 40%
HSV	68°, 36%, 49%
XYZ	16.0901, 18.8314, 10.1839
YIQ	117.0760, 10.8690, -15.2670

Conversions

Conversions Part 2

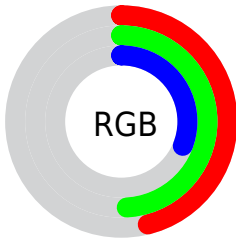
Format	Color
RYB	79, 124, 85
Decimal	7765071
CIELab	50.49, -10.00, 23.85
CIElCh	50, 25.862, 112.741
Yxy	18.8314, 0.3567, 0.4175
Android (android.graphics.Color)	4285955151 (0xFF767C4F)
YUV	117.0760, -18.7715, 0.8103
Hunter-Lab	43.3951, -9.7568, 16.4625

Details

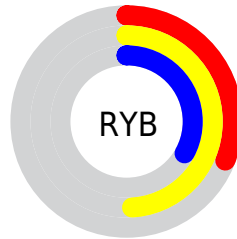
The YUV color **117.0760, -18.7715, 0.8103** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **85.9240, 18.7715, -0.8103**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1470, -19.7925, 1.6251**, and **68.4180, -17.4611, 0.5104** is the 20% darker color. If you saturate the color by 10%, you get **115.1100, -23.7182, 0.7805**, and if you desaturate by 10%, it is **119.0420, -13.8247, 0.8402**.

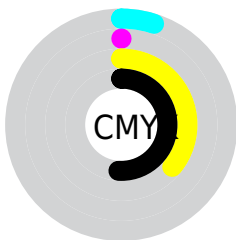
Distribution



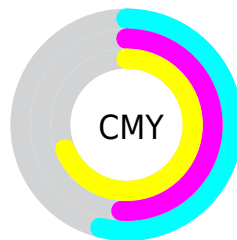
- Red (46%)
- Green (49%)
- Blue (31%)



- Red (31%)
- Yellow (49%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (51%)



- Cyan (54%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.0760, -18.7715, 0.8103 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 117.0760, -18.7715, 0.8103 by changing the saturation by 10% instead.

■ 117.0760,
-18.7715, 0.8103

■ 117.0760,
-18.7715, 0.8103

■ 255.0000, 0.0000,
0.0000

■ 92.3040, -17.8979,
0.6104

■ 169.1470,
-19.7925, 1.6251

■ 68.4180, -17.4611,
0.5104

■ 196.6200,
-20.5187, 1.2103

■ 46.1190, -17.3137,
-0.1044

■ 224.8050,
-21.1029, 1.9250

■ 25.6720, -12.6563,
-0.5893

■ 249.8700,
-19.6559, 4.4990

■ 1.7610, -0.8682,
-1.5444

■ 253.0620, -7.4256,
1.6996

■ 0.0000, 0.0000,
0.0000

■ 117.0760,
-18.7715, 0.8103

■ 117.0760,
-18.7715, 0.8103

■ 115.1100,
-23.7182, 0.7805

■ 119.0420,
-13.8247, 0.8402

■ 113.3290,
-29.2492, 1.4655

■ 120.8230, -8.2937,
0.1552

■ 111.3630,
-34.1960, 1.4356

■ 122.7890, -3.3470,
0.1850

■ 109.2830,
-39.5795, 1.5058

■ 124.8690, 2.0366,
0.1149

■ 107.6160,
-44.6737, 2.0908

■ 126.5360, 7.1308,
-0.4701

■ 105.6500,
-49.6204, 2.0610

■ 128.5020, 12.0775,
-0.4403

■ 104.7810,
-51.6570, 1.9461

■ 130.5820, 17.4611,
-0.5104

■ 132.2490, 22.5552,

-1.0954

■ 134.3290, 27.9388,
-1.1655

Harmonies

Analogous

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



119.3170, -20.8623, 18.1390



117.0760, -18.7715, 0.8103



114.1320, -10.4181, -18.5328

Triad

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



117.0760, -18.7715, 0.8103



108.6420, 22.8545, -50.5520



123.2520, 1.3548, 32.2280

Complementary

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



117.0760, -18.7715, 0.8103



85.9240, 18.7715, -0.8103

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.



123.4980, 11.5865, 17.1033



117.0760, -18.7715, 0.8103



115.8880, 23.2262, -29.7198

Square

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



117.0760, -18.7715, 0.8103



106.4430, 14.5716, -53.8855



121.1300, 19.6559, -4.4990



121.9400, -8.8444, 36.8866

Rectangle

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



117.0760, -18.7715, 0.8103



111.4060, -2.6652, -31.9281



121.1300, 19.6559, -4.4990



123.2560, 5.2968, 27.8395

Sweetspot

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



117.0760, -18.7715, 0.8103



158.0510, -7.4201, -0.0447



95.9770, -8.3697, 24.5762



80.1480, -4.5100, -0.1298



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.



117.0760, -18.7715, 0.8103



149.9160, -29.5386, 0.9507



110.4980, -15.5285, -12.7147



60.0170, -2.4734, -0.0149



105.6670, -52.0938, 2.0460



213.4050, -105.2087, 4.9068

Inverse Universe

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



85.9240, 18.7715, -0.8103



100.7850, 29.6860, -1.5654



92.8010, 15.3811, 13.3295



55.9830, 2.4734, 0.0149



19.3330, 52.0938, -2.0460



38.8940, 105.0613, -4.2920

Previews

White Background



This preview shows how the YUV color 117.0760, -18.7715, 0.8103 looks on a white 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

Black Background



This preview shows how the YUV color 117.0760, -18.7715, 0.8103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

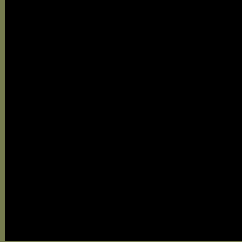
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.0760, -18.7715, 0.8103

Background



This preview shows how black text looks on a background with the YUV color 117.0760, -18.7715, 0.8103.



This preview shows how white text looks on a background with the YUV color 117.0760, -18.7715,

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

117.0760, -18.7715, 0.8103

Protanopia

118.3870, -20.4038, 11.0616

Deuteranopia

119.7950, -19.1259, 21.2278



Tritanopia

120.8200, 3.0467, 2.7889

Trichromacy



Original Color

117.0760, -18.7715, 0.8103

Protanomaly

117.5930, -19.5193, 7.3729

Deuteranomaly

118.7510, -19.1042, 14.2504

Tritanomaly

119.4580, -4.6628, 2.2293

Monochromacy



Original Color

117.0760, -18.7715, 0.8103

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1650, -6.9833, -0.1447

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.0760, -18.7715, 0.8103 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(118, 124, 79)` looks like.

```
.text, #text, p{  
    color:rgb(118, 124, 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(118, 124, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 124, 79) }
```

Border

The CSS property to change the border of an element to YUV 117.0760, -18.7715, 0.8103 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(118, 124, 79) }
```


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

```
.border{ border-color:rgb(118, 124, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 124, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 124, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 124, 79);  
box-shadow:4px 4px 4px 4px rgb(118, 124,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 117.0760, -18.7715, 0.8103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 124, 79) }
```

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

```
.background{ background-color: rgb(118,  
124, 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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