

Converting Colors

YUV(118.8500, -5.8420, 7.1476)

Have a look what the booklet for
YUV(118.8500, -5.8420, 7.1476)
contains.

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Color

**YUV(118.8500, -5.8420,
7.1476)**

Conversions

Conversions Part 1

Format	Color
Hex	7F756B
RGB	127, 117, 107
RGB Percent	50%, 46%, 42%
CMY	0.5020, 0.5412, 0.5804
CMYK	0.00, 0.08, 0.16, 0.50
HSL	30°, 9%, 46%
HSV	30°, 16%, 50%
XYZ	17.7675, 18.2961, 16.5050
YIQ	118.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

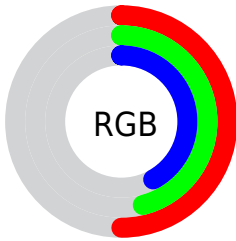
Format	Color
R_{YB}	127, 127, 107
Decimal	8353131
CIE _{Lab}	49.85, 2.04, 6.90
CIE _{LCh}	50, 7.197, 73.535
Yxy	18.2961, 0.3380, 0.3480
Android (android.graphics.Color)	4286543211 (0xFF7F756B)
YUV	118.8500, -5.8420, 7.1476
Hunter-Lab	42.7740, -0.7089, 7.0639

Details

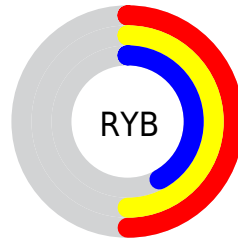
The YUV color **118.8500, -5.8420, 7.1476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.1500, 5.8421, -7.1475**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0350, -6.4263, 7.8623**, and **70.6650, -5.2578, 6.4328** is the 20% darker color. If you saturate the color by 10%, you get **113.8460, -9.7841, 11.5361**, and if you desaturate by 10%, it is **123.8540, -1.9000, 2.7590**.

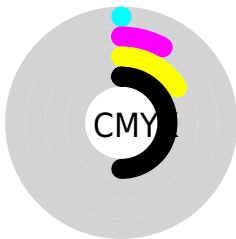
Distribution



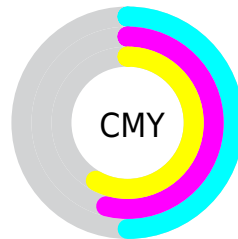
- Red (50%)
- Green (46%)
- Blue (42%)



- Red (50%)
- Yellow (50%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8500, -5.8420, 7.1476 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 118.8500, -5.8420, 7.1476 by changing the saturation by 10% instead.

■ 118.8500, -5.8420,
7.1476

■ 118.8500, -5.8420,
7.1476

■ 255.0000, 0.0000,
0.0000

■ 93.9640, -5.4053,
7.0476

■ 171.0350, -6.4263,
7.8623

■ 70.6650, -5.2578,
6.4328

■ 198.0350, -6.4263,
7.8623

■ 48.3660, -5.1104,
5.8180

■ 226.3340, -6.5737,
8.4771

■ 27.0670, -4.9630,
5.2032

■ 252.2300, -5.5364,
2.4293

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 118.8500, -5.8420,
7.1476

■ 118.8500, -5.8420,
7.1476

■ 113.8460, -9.7841,
11.5361

■ 123.8540, -1.9000,
2.7590

■ 108.3690,
-12.9999, 16.3394

■ 129.3310, 1.3158,
-2.0443

■ 103.3650,
-16.9419, 20.7279

■ 134.3350, 5.2578,
-6.4328

■ 98.3610, -20.8840,
25.1164

■ 139.3390, 9.1999,
-10.8213

■ 92.7700, -24.5366,
30.0197

■ 144.9300, 12.8525,
-15.7246

■ 87.8800, -28.0418,
34.3082

■ 149.8200, 16.3577,
-20.0131

■ 82.8760, -31.9839,
38.6967

■ 154.8240, 20.2998,
-24.4016

■ 77.2850, -35.6365,

■ 160.4150, 23.9524,

43.6001

-29.3050

■ 74.9540, -36.9523,
45.6443

■ 165.3050, 27.4576,
-33.5935

Harmonies

Analogous

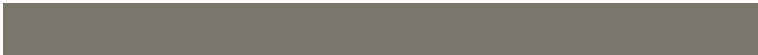
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



119.2140, -4.5425, 10.3363



118.8500, -5.8420, 7.1476



118.2300, -5.5364, 2.4293

Triad

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



118.8500, -5.8420, 7.1476



116.5040, 2.2165, -10.9660



119.3470, 3.7729, 3.2037

Complementary

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



118.8500, -5.8420, 7.1476



115.1500, 5.8421, -7.1475

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.



118.7700, 5.5364, -2.4293



118.8500, -5.8420, 7.1476



117.1880, 4.8373, -11.5659

Square

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



118.8500, -5.8420, 7.1476



116.7170, -0.8465, -8.5218



117.8510, 5.9895, -7.7623



119.9840, 0.9939, 7.9070

Rectangle

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



118.8500, -5.8420, 7.1476



117.4360, -4.6519, -1.2594



117.8510, 5.9895, -7.7623



119.5640, 4.6519, 1.2594

Sweetspot

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



118.8500, -5.8420, 7.1476



162.6260, -2.7736, 2.9590



114.1200, 1.4198, 11.2958



82.2560, -1.6052, 1.5295



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



118.8500, -5.8420, 7.1476



152.9600, -9.3473, 11.4361



124.7200, -8.7360, 1.9996



61.4410, -2.1894, 2.2442



75.8400, -37.3891, 45.7443



0.0000, 0.0000, 0.0000

Inverse Universe

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



115.1500, 5.8421, -7.1475



147.0400, 9.3473, -11.4361



109.2800, 8.7360, -1.9996



60.1460, 1.9000, -2.7590



52.1600, 37.3891, -45.7443



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.8500, -5.8420, 7.1476 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 118.8500, -5.8420, 7.1476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

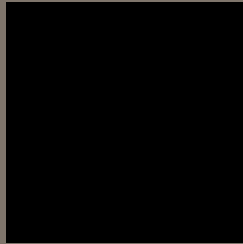
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.8500, -5.8420, 7.1476

Background



This preview shows how black text looks on a background with the YUV color 118.8500, -5.8420, 7.1476.

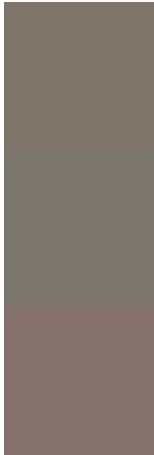


This preview shows how white text looks on a background with the YUV color 118.8500, -5.8420,

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

118.8500, -5.8420, 7.1476

Protanopia

118.3550, -5.1050, 4.0737

Deuteranopia

119.2960, -5.5689, 12.8954



Tritanopia

120.2120, 1.8675, 7.7071

Trichromacy



Original Color

118.8500, -5.8420, 7.1476

Protanomaly

118.6540, -5.2524, 4.6884

Deuteranomaly

118.9860, -5.4161, 10.5363

Tritanomaly

119.8160, -0.8953, 7.1774

Monochromacy



Original Color

118.8500, -5.8420, 7.1476

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8540, -1.9000, 2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8500, -5.8420, 7.1476 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(127, 117, 107)` looks like.

```
.text, #text, p{  
    color:rgb(127, 117, 107)  
}
```

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(127, 117, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 117, 107) }
```

Border

The CSS property to change the border of an element to YUV 118.8500, -5.8420, 7.1476 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(127, 117, 107) }
```


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

```
.border{ border-color:rgb(127, 117, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 117, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 117, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 117, 107);  
box-shadow:4px 4px 4px 4px rgb(127, 117,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 118.8500, -5.8420, 7.1476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 117, 107) }
```

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

```
.background{ background-color: rgb(127,  
117, 107) }
```

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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