

Converting Colors

YUV(118.7450, -3.3253, -6.7924)

Have a look what the booklet for
YUV(118.7450, -3.3253, -6.7924)
contains.

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Color

**YUV(118.7450, -3.3253,
-6.7924)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7C70
RGB	111, 124, 112
RGB Percent	44%, 49%, 44%
CMY	0.5647, 0.5137, 0.5608
CMYK	0.10, 0.00, 0.10, 0.51
HSL	125°, 6%, 46%
HSV	125°, 10%, 49%
XYZ	16.6878, 18.9647, 18.1102
YIQ	118.7450, -3.8960, -6.4880

Conversions

Conversions Part 2

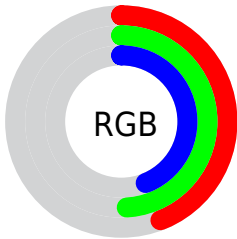
Format	Color
RYB	111, 123, 124
Decimal	7306352
CIELab	50.65, -7.29, 4.92
CIElCh	51, 8.792, 145.995
Yxy	18.9647, 0.3104, 0.3527
Android (android.graphics.Color)	4285496432 (0xFF6F7C70)
YUV	118.7450, -3.3253, -6.7924
Hunter-Lab	43.5484, -7.8083, 5.8273

Details

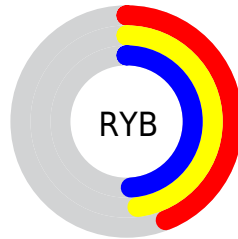
The YUV color **118.7450, -3.3253, -6.7924** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **116.2550, 3.3253, 6.7924**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3320, -3.6147, -7.3072**, and **70.1580, -3.0359, -6.2776** is the 20% darker color. If you saturate the color by 10%, you get **113.9030, -6.3612, -13.0699**, and if you desaturate by 10%, it is **123.5870, -0.2894, -0.5148**.

Distribution



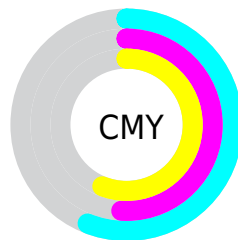
- Red (44%)
- Green (49%)
- Blue (44%)



- Red (44%)
- Yellow (48%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (56%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7450, -3.3253, -6.7924 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 118.7450, -3.3253, -6.7924 by changing the saturation by 10% instead.

■ 118.7450, -3.3253,
-6.7924

■ 118.7450, -3.3253,
-6.7924

255.0000, 0.0000,
0.0000

■ 94.1580, -3.0359,
-6.2776

■ 171.3320, -3.6147,
-7.3072

■ 70.1580, -3.0359,
-6.2776

■ 198.3320, -3.6147,
-7.3072

■ 48.1580, -3.0359,
-6.2776

■ 226.3320, -3.6147,
-7.3072

■ 26.9840, -2.4571,
-5.2480

■ 251.3970, -2.1677,
-4.7332

■ 2.3480, -1.1576,
-2.0592

■ 0.0000, 0.0000,
0.0000

■ 118.7450, -3.3253,
-6.7924

■ 118.7450, -3.3253,
-6.7924

■ 113.9030, -6.3612,
-13.0699

■ 123.5870, -0.2894,
-0.5148

■ 108.6480, -9.6865,
-19.8623

■ 128.8420, 3.0359,
6.2776

■ 103.8060,
-12.7224, -26.1399

■ 133.6840, 6.0718,
12.5551

■ 98.5510, -16.0476,
-32.9322

■ 138.9390, 9.3971,
19.3475

■ 93.7090, -19.0835,
-39.2098

■ 143.7810, 12.4330,
25.6251

■ 88.7530, -22.5562,
-45.3874

■ 148.7370, 15.9057,
31.8027

■ 83.6120, -25.4447,
-52.2797


■ 153.8780, 18.7941,
38.6950


■ 78.6560, -28.9174,

■ 158.8340, 22.2668,

-58.4573

44.8726

 73.9280, -31.5165,
-64.8349

 163.9750, 25.1553,
51.7649

Harmonies

Analogous

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



119.6920, -6.2572, 0.2701



118.7450, -3.3253, -6.7924



118.0370, 0.4748, -12.3104

Triad

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



118.7450, -3.3253, -6.7924



119.6060, 7.5892, -7.5475



122.0510, -3.9691, 13.1103

Complementary

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



118.7450, -3.3253, -6.7924



116.2550, 3.3253, 6.7924

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.



122.3650, -0.1799, 11.0809



118.7450, -3.3253, -6.7924



121.3080, 6.2572, -0.2701

Square

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



118.7450, -3.3253, -6.7924



119.0460, 6.8793, -13.1953



122.2550, 3.3253, 6.7924



121.0570, -6.4371, 11.3510

Rectangle

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



118.7450, -3.3253, -6.7924



118.0090, 2.9536, -14.0399



122.2550, 3.3253, 6.7924



122.3930, -2.6587, 12.8103

Sweetspot

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



118.7450, -3.3253, -6.7924



158.9350, -1.4470, -2.5740



122.2190, -5.5310, 0.6849



80.4620, -0.7208, -2.1592



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.



118.7450, -3.3253, -6.7924



152.4410, -5.6404, -10.9108



119.4290, -0.7045, -7.3922



58.6360, -1.2995, -3.1888



74.5150, -31.8059, -65.3497



150.0900, -64.6274, -131.6289

Inverse Universe

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



116.2550, 3.3253, 6.7924



148.4450, 5.2036, 11.0107



115.5710, 0.7045, 7.3922



57.4780, 1.7363, 3.0888



50.4850, 31.8059, 65.3497



101.9100, 64.6274, 131.6289

Previews

White Background



This preview shows how the YUV color 118.7450, -3.3253, -6.7924 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 118.7450, -3.3253, -6.7924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

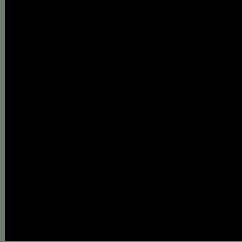
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

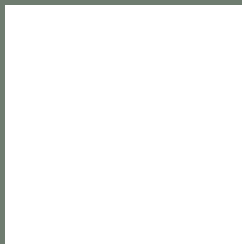
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 118.7450, -3.3253, -6.7924

Background



This preview shows how black text looks on a background with the YUV color 118.7450, -3.3253, -6.7924.



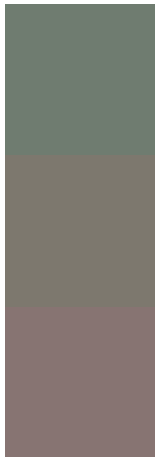
This preview shows how white text looks on a background with the YUV color 118.7450, -3.3253, -6.7924.

-6.7924.

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

118.7450, -3.3253, -6.7924

Protanopia

120.3550, -5.1050, 4.0737

Deuteranopia

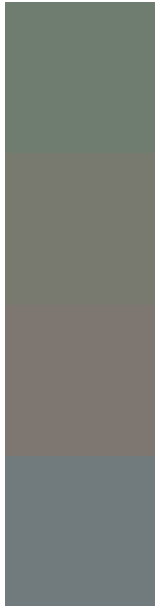
121.4530, -3.6743, 11.8807



Tritanopia

120.0470, 5.3998, -5.3032

Trichromacy



Original Color

118.7450, -3.3253, -6.7924

Protanomaly

119.5610, -4.2206, 0.3850

Deuteranomaly

120.4090, -3.6526, 4.9033

Tritanomaly

119.5370, 2.2003, -5.7329

Monochromacy



Original Color

118.7450, -3.3253, -6.7924

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7450, -3.3253, -6.7924 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(111, 124, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 124, 112)  
}
```

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(111, 124, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 124, 112) }
```

Border

The CSS property to change the border of an element to YUV 118.7450, -3.3253, -6.7924 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(111, 124, 112) }
```


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

```
.border{ border-color:rgb(111, 124, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 124, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 124, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 124, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 124,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 118.7450, -3.3253, -6.7924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 124, 112) }
```

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

```
.background{ background-color: rgb(111,  
124, 112) }
```

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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