

Converting Colors

YUV(116.8700, -2.8939, -5.1480)

Have a look what the booklet for
YUV(116.8700, -2.8939, -5.1480)
contains.

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Color

**YUV(116.8700, -2.8939,
-5.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	6F796F
RGB	111, 121, 111
RGB Percent	44%, 47%, 44%
CMY	0.5647, 0.5255, 0.5647
CMYK	0.08, 0.00, 0.08, 0.53
HSL	120°, 4%, 45%
HSV	120°, 8%, 47%
XYZ	16.2622, 18.2019, 17.6951
YIQ	116.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

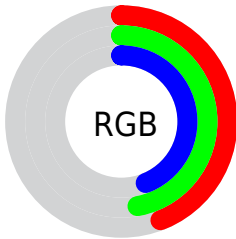
Format	Color
R_{YB}	111, 121, 121
Decimal	7305583
CIE Lab	49.74, -5.79, 4.20
CIE LCh	50, 7.151, 144.008
Yxy	18.2019, 0.3118, 0.3490
Android (android.graphics.Color)	4285495663 (0xFF6F796F)
YUV	116.8700, -2.8939, -5.1480
Hunter-Lab	42.6637, -6.6226, 5.2736

Details

The YUV color $[116.8700, -2.8939, -5.1480]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[115.1300, 2.8939, 5.1480]$, and the grayscale version is $[117.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[168.8700, -2.8939, -5.1480]$, and $[68.8700, -2.8939, -5.1480]$ is the 20% darker color. If you saturate the color by 10%, you get $[111.9140, -6.3666, -11.3256]$, and if you desaturate by 10%, it is $[121.8260, 0.5788, 1.0296]$.

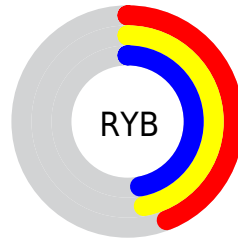
Distribution



Red (44%)

Green (47%)

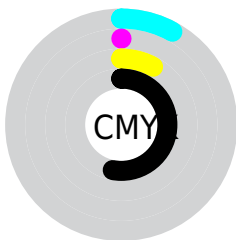
Blue (44%)



Red (44%)

Yellow (47%)

Blue (47%)

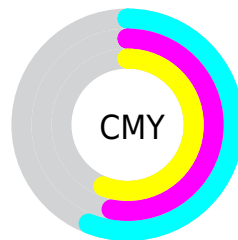


Cyan (8%)

Magenta (0%)

Yellow (8%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8700, -2.8939, -5.1480 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 116.8700, -2.8939, -5.1480 by changing the saturation by 10% instead.

■ 116.8700, -2.8939,
-5.1480

■ 116.8700, -2.8939,
-5.1480

255.0000, 0.0000,
0.0000

■ 92.2830, -2.6045,
-4.6332

■ 168.8700, -2.8939,
-5.1480

■ 68.8700, -2.8939,
-5.1480

■ 196.4570, -3.1833,
-5.6628

■ 46.2830, -2.6045,
-4.6332

■ 224.3430, -3.6201,
-5.5628

■ 25.6960, -2.3151,
-4.1184

■ 251.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 116.8700, -2.8939,

■ 116.8700, -2.8939,

-5.1480

-5.1480

■ 111.9140, -6.3666,
-11.3256

■ 121.8260, 0.5788,
1.0296

■ 106.9580, -9.8393,
-17.5032

■ 126.7820, 4.0515,
7.2072

■ 102.0020,
-13.3120, -23.6808

■ 131.7380, 7.5242,
13.3848

■ 97.0460, -16.7847,
-29.8583

■ 136.6940, 10.9969,
19.5624

■ 92.0900, -20.2574,
-36.0359

■ 141.6500, 14.4695,
25.7399

■ 86.7210, -24.0195,
-42.7283

■ 147.0190, 18.2316,
32.4323

■ 81.7650, -27.4921,
-48.9059

■ 151.9750, 21.7043,
38.6099

■ 76.8090, -30.9648,
-55.0835

■ 156.9310, 25.1770,
44.7875

■ 71.8530, -34.4375,
-61.2611

■ 161.8870, 28.6497,
50.9651

Harmonies

Analogous

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



117.3330, -5.0942, 0.5850



116.8700, -2.8939, -5.1480



116.6460, 0.1745, -9.3365

Triad

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



116.8700, -2.8939, -5.1480



117.8620, 5.9840, -6.0180



119.3820, -2.6533, 11.0660

Complementary

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



116.8700, -2.8939, -5.1480



115.1300, 2.8939, 5.1480

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.



119.4680, 0.2623, 9.2366



116.8700, -2.8939, -5.1480



118.6670, 5.0942, -0.5850

Square

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



116.8700, -2.8939, -5.1480



117.0140, 5.4161, -10.5363



119.1300, 2.8939, 5.1480



119.3880, -5.1213, 9.3067

Rectangle

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



116.8700, -2.8939, -5.1480



116.5040, 2.2165, -10.9660



119.1300, 2.8939, 5.1480



119.3110, -1.6323, 10.2513

Sweetspot

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



116.8700, -2.8939, -5.1480



156.7610, -0.8682, -1.5444



119.8600, -4.3680, 0.9998



78.1740, -0.5788, -1.0296



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



116.8700, -2.8939, -5.1480



151.3920, -4.6303, -8.2368



117.4400, -0.7099, -5.6479



58.5220, -1.7363, -3.0888



73.3750, -36.1739, -64.3499



147.9240, -72.9265, -129.7293

Inverse Universe

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



115.1300, 2.8939, 5.1480



148.6080, 4.6303, 8.2368



114.5600, 0.7099, 5.6479



57.4780, 1.7363, 3.0888



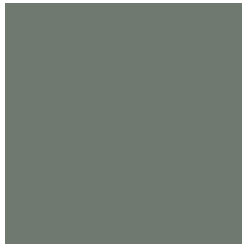
51.6250, 36.1739, 64.3499



104.0760, 72.9265, 129.7293

Previews

White Background



This preview shows how the YUV color 116.8700, -2.8939, -5.1480 looks on a white background.

Color Contrast Check

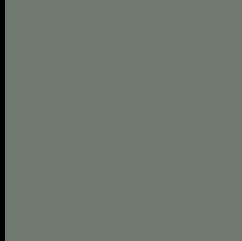
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8700, -2.8939, -5.1480 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 116.8700, -2.8939, -5.1480

Background



This preview shows how black text looks on a background with the YUV color 116.8700, -2.8939, -5.1480.



This preview shows how white text looks on a background with the YUV color 116.8700, -2.8939, -5.1480.

-5.1480.

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

116.8700, -2.8939, -5.1480

Protanopia

118.1700, -4.5208, 3.3589

Deuteranopia

119.1540, -3.5269, 11.2659



Tritanopia

118.5310, 4.6682, -3.9737

Trichromacy



Original Color

116.8700, -2.8939, -5.1480

Protanomaly

117.6750, -3.7838, 0.2850

Deuteranomaly

118.5230, -3.2158, 4.8033

Tritanomaly

118.1350, 1.9054, -4.5034

Monochromacy



Original Color

116.8700, -2.8939, -5.1480

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7610, -0.8682, -1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8700, -2.8939, -5.1480 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, 121, 111)` looks like.

```
.text, #text, p{  
    color:rgb(111, 121, 111)  
}
```

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, 121, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 121, 111) }
```

Border

The CSS property to change the border of an element to YUV 116.8700, -2.8939, -5.1480 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, 121, 111) }
```


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

```
.border{ border-color:rgb(111, 121, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 121, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 121, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 121, 111);  
box-shadow:4px 4px 4px 4px rgb(111, 121,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 116.8700, -2.8939, -5.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 121, 111) }
```

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

```
.background{ background-color: rgb(111,  
121, 111) }
```

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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