

Converting Colors

YUV(118.6100, 11.5313,
-11.9360)

Have a look what the booklet for
YUV(118.6100, 11.5313, -11.9360)
contains.

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Color

**YUV(118.6100, 11.5313,
-11.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	69798E
RGB	105, 121, 142
RGB Percent	41%, 47%, 56%
CMY	0.5882, 0.5255, 0.4431
CMYK	0.26, 0.15, 0.00, 0.44
HSL	214°, 15%, 48%
HSV	214°, 26%, 56%
XYZ	17.5456, 18.6310, 28.2626
YIQ	118.6100, -16.2770, 3.1390

Conversions

Conversions Part 2

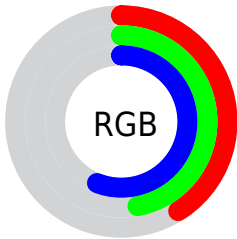
Format	Color
R_{YB}	105, 116, 142
Decimal	6912398
CIE Lab	50.25, -0.88, -13.35
CIE LCh	50, 13.379, 266.242
Yxy	18.6310, 0.2723, 0.2891
Android (android.graphics.Color)	4285102478 (0xFF69798E)
YUV	118.6100, 11.5313, -11.9360
Hunter-Lab	43.1636, -2.9780, -8.6072

Details

The YUV color **118.6100, 11.5313, -11.9360** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **128.3900, -11.5313, 11.9360**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8380, 12.4049, -12.1359**, and **70.3820, 10.6577, -11.7360** is the 20% darker color. If you saturate the color by 10%, you get **109.7280, 15.9101, -16.4245**, and if you desaturate by 10%, it is **127.4920, 7.1524, -7.4475**.

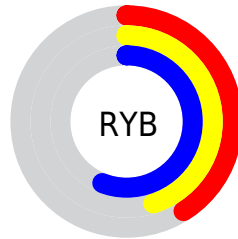
Distribution



Red (41%)

Green (47%)

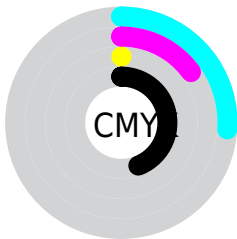
Blue (56%)



Red (41%)

Yellow (45%)

Blue (56%)

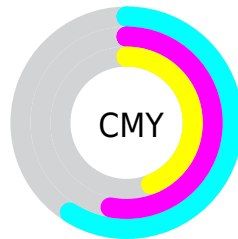


Cyan (26%)

Magenta (15%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (53%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.6100, 11.5313, -11.9360 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 118.6100, 11.5313, -11.9360 by changing the saturation by 10% instead.

■ 118.6100, 11.5313,
-11.9360

■ 118.6100, 11.5313,
-11.9360

■ 255.0000, 0.0000,
0.0000

■ 93.4960, 11.0945,
-11.8360

■ 170.8380, 12.4049,
-12.1359

■ 70.3820, 10.6577,
-11.7360

■ 198.5390, 12.5523,
-12.7507

■ 47.2680, 10.2209,
-11.6360

■ 226.5390, 12.5523,
-12.7507

■ 25.5560, 10.0789,
-12.7656

■ 250.5150, 2.2111,
-9.2217

■ 4.7250, 10.4886,
-4.1438

■ 0.0000, 0.0000,
0.0000

■ 118.6100, 11.5313,
-11.9360

■ 118.6100, 11.5313,
-11.9360

■ 109.7280, 15.9101,
-16.4245

■ 127.4920, 7.1524,
-7.4475

■ 100.8460, 20.2889,
-20.9129

■ 136.3740, 2.7736,
-2.9590

■ 91.6650, 24.8152,
-26.0162

■ 145.5550, -1.7526,
2.1443

■ 82.7830, 29.1940,
-30.5047

■ 154.4370, -6.1314,
6.6328

■ 73.9010, 33.5728,
-34.9932

■ 163.3190,
-10.5103, 11.1212

■ 65.0190, 37.9516,
-39.4817

■ 172.2010,
-14.8891, 15.6097

■ 56.1370, 42.3305,
-43.9701

■ 181.0830,
-19.2679, 20.0982

■ 51.9950, 44.3725,

■ 190.2640,

-45.5996

-23.7942, 25.2015

■ 199.7330,
-28.4624, 29.1752

Harmonies

Analogous

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



116.3270, 10.6848, -20.4578



118.6100, 11.5313, -11.9360



120.5190, 9.6041, -0.4552

Triad

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



118.6100, 11.5313, -11.9360



121.0410, -5.4432, 19.2580



116.9680, -4.9142, -10.4959

Complementary

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



118.6100, 11.5313, -11.9360



128.3900, -11.5313, 11.9360

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.



118.1820, -9.4567, -0.1596



118.6100, 11.5313, -11.9360



120.5800, -9.6529, 16.1543

Square

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



118.6100, 11.5313, -11.9360



121.6970, -0.3436, 16.9287



119.1940, -10.9416, 9.4769



115.5200, 1.2226, -18.8730

Rectangle

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



118.6100, 11.5313, -11.9360



121.4660, 6.6723, 6.6073



119.1940, -10.9416, 9.4769



117.2350, -6.5249, -7.2221

Sweetspot

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



118.6100, 11.5313, -11.9360



174.2320, 4.8156, -4.5885



129.1130, -1.5347, -21.1471



86.3740, 2.7736, -2.9590



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



118.6100, 11.5313, -11.9360



147.5860, 17.9521, -18.0539



109.8160, 15.8667, -2.4696



66.5590, 2.1894, -2.2442



49.4360, 42.1831, -43.3554



2.6730, 2.6262, -2.3442

Inverse Universe

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



117.8870, 1.5347, 21.1471



146.7790, 2.0810, 32.6428



137.1840, -15.8667, 2.4696



66.4350, 0.2785, 4.0035



46.9770, 5.4343, 77.1962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 118.6100, 11.5313, -11.9360 looks on a white background.

Color Contrast Check

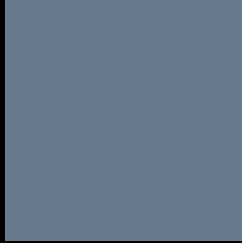
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.6100, 11.5313, -11.9360 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

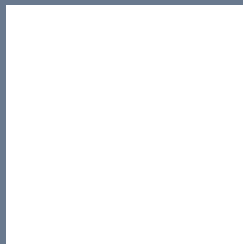
Any Text WCAG AAA × Fail

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

YUV 118.6100, 11.5313, -11.9360 Background



This preview shows how black text looks on a background with the YUV color 118.6100, 11.5313, -11.9360.



This preview shows how white text looks on a background with the YUV color 118.6100, 11.5313, -11.9360.

-11.9360.

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

118.6100, 11.5313, -11.9360

Protanopia

119.6110, 10.0518, -4.0438

Deuteranopia

120.5620, 11.0619, -1.3699



Tritanopia

118.0460, 6.8793, -13.1953

Trichromacy



Original Color

118.6100, 11.5313, -11.9360

Protanomaly

119.1160, 10.7888, -7.1177

Deuteranomaly

119.6540, 11.5096, -4.9586

Tritanomaly

118.2140, 8.7685, -12.4657

Monochromacy



Original Color

118.6100, 11.5313, -11.9360

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0040, 3.9420, -4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.6100, 11.5313, -11.9360 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(105, 121, 142)` looks like.

```
.text, #text, p{  
    color:rgb(105, 121, 142)  
}
```

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(105, 121, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 121, 142) }
```

Border

The CSS property to change the border of an element to YUV 118.6100, 11.5313, -11.9360 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(105, 121, 142) }
```


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

```
.border{ border-color:rgb(105, 121, 142) }
```

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

Here you see how a box with a 4 pixel rgb(105, 121, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 121, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 121, 142);  
box-shadow:4px 4px 4px 4px rgb(105, 121,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 118.6100, 11.5313, -11.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 121, 142) }
```

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

```
.background{ background-color: rgb(105,  
121, 142) }
```

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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