

Converting Colors

YUV(118.5310, 1.2172,
-17.1287)

Have a look what the booklet for
YUV(118.5310, 1.2172, -17.1287)
contains.

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Color

**YUV(118.5310, 1.2172,
-17.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	638079
RGB	99, 128, 121
RGB Percent	39%, 50%, 47%
CMY	0.6118, 0.4980, 0.5255
CMYK	0.23, 0.00, 0.05, 0.50
HSL	166°, 13%, 45%
HSV	166°, 23%, 50%
XYZ	16.3160, 19.4715, 20.9876
YIQ	118.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

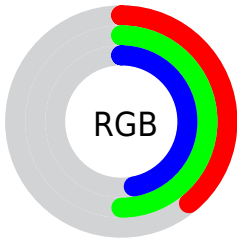
Format	Color
R_{YB}	99, 115, 128
Decimal	6520953
CIE _{Lab}	51.23, -11.92, 0.39
CIE _{LCh}	51, 11.927, 178.124
Yxy	19.4715, 0.2874, 0.3430
Android (android.graphics.Color)	4284711033 (0xFF638079)
YUV	118.5310, 1.2172, -17.1287
Hunter-Lab	44.1265, -11.2202, 2.6888

Details

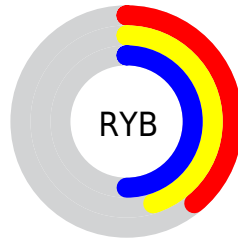
The YUV color $118.5310, 1.2172, -17.1287$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $108.4690, -1.2172, 17.1287$, and the grayscale version is $119.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $170.8190, 1.0752, -18.2583$, and $69.9440, 1.5066, -16.6139$ is the 20% darker color. If you saturate the color by 10%, you get $114.3020, 1.8231, -24.8209$, and if you desaturate by 10%, it is $122.7600, 0.6113, -9.4365$.

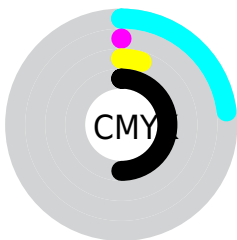
Distribution



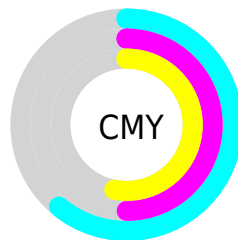
- Red (39%)
- Green (50%)
- Blue (47%)



- Red (39%)
- Yellow (45%)
- Blue (50%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (61%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5310, 1.2172, -17.1287 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 118.5310, 1.2172, -17.1287 by changing the saturation by 10% instead.

■ 118.5310, 1.2172,
-17.1287

■ 118.5310, 1.2172,
-17.1287

■ 255.0000, 0.0000,
0.0000

■ 93.8300, 1.0698,
-16.5139

■ 170.8190, 1.0752,
-18.2583

■ 69.9440, 1.5066,
-16.6139

■ 197.9330, 1.5120,
-18.3582

■ 47.2430, 1.3592,
-15.9991

■ 226.5200, 1.2226,
-18.8730

■ 25.3570, 1.7960,
-16.0991

■ 248.4220, 3.2430,
-13.5251

■ 5.6250, -1.2941,
-4.9331

■ 0.0000, 0.0000,
0.0000

■ 118.5310, 1.2172,
-17.1287

■ 118.5310, 1.2172,
-17.1287

■ 114.3020, 1.8231,
-24.8209

■ 122.7600, 0.6113,
-9.4365

■ 110.0730, 2.4290,
-32.5130

■ 126.9890, 0.0054,
-1.7444

■ 106.1430, 2.8875,
-39.5904

■ 130.9190, -0.4531,
5.3330

■ 101.9140, 3.4934,
-47.2826

■ 135.1480, -1.0590,
13.0252

■ 97.6850, 4.0993,
-54.9747

■ 139.3770, -1.6649,
20.7174

■ 93.3420, 4.2684,
-62.5669

■ 143.7200, -1.8340,
28.3096

■ 89.1130, 4.8743,
-70.2591

■ 147.9490, -2.4399,
36.0017

■ 86.1940, 5.3274,

■ 151.8790, -2.8983,

-75.5921

43.0791

■ 156.1080, -3.5042,
50.7713

Harmonies

Analogous

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



119.4950, -4.1880, -10.0811



118.5310, 1.2172, -17.1287



118.4750, 6.1748, -20.5876

Triad

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



118.5310, 1.2172, -17.1287



123.1770, 8.2937, -0.1552



122.7970, -8.7739, 14.2100

Complementary

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



118.5310, 1.2172, -17.1287



108.4690, -1.2172, 17.1287

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.



124.0300, -5.4378, 17.5137



118.5310, 1.2172, -17.1287



124.2060, 4.3354, 9.4663

Square

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



118.5310, 1.2172, -17.1287



121.2790, 10.2155, -9.8917



123.9850, -0.4856, 15.7992



121.8240, -9.7732, 8.0474

Rectangle

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



118.5310, 1.2172, -17.1287



119.1700, 8.7902, -19.4431



123.9850, -0.4856, 15.7992



123.0360, -7.9057, 15.7544

Sweetspot

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



118.5310, 1.2172, -17.1287



162.0700, 0.4585, -7.0774



118.1160, -9.4242, -10.6257



81.7930, 0.5951, -4.2035



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.



118.5310, 1.2172, -17.1287



151.2910, 1.8285, -26.5652



115.2200, 6.3005, -14.2249



61.6790, 0.1583, -4.1035



86.1940, 5.3274, -75.5921



0.0000, 0.0000, 0.0000

Inverse Universe

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



108.4690, -1.2172, 17.1287



135.7090, -1.8285, 26.5652



111.7800, -6.3005, 14.2249



59.3210, -0.1583, 4.1035



41.8060, -5.3274, 75.5921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.5310, 1.2172, -17.1287 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 118.5310, 1.2172, -17.1287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

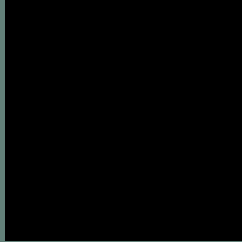
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.5310, 1.2172, -17.1287

Background



This preview shows how black text looks on a background with the YUV color 118.5310, 1.2172, -17.1287.



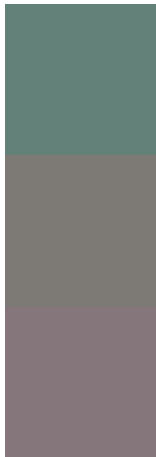
This preview shows how white text looks on a background with the YUV color 118.5310, 1.2172, -17.1287.

-17.1287.

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

118.5310, 1.2172, -17.1287

Protanopia

121.7400, -2.3368, 2.8590

Deuteranopia

123.0550, -0.0271, 8.7218



Tritanopia

119.9640, 7.9057, -15.7544

Trichromacy



Original Color

118.5310, 1.2172, -17.1287

Protanomaly

120.9240, -1.4415, -4.3183

Deuteranomaly

121.7010, 0.1474, -0.6148

Tritanomaly

119.6820, 5.5798, -16.3841

Monochromacy



Original Color

118.5310, 1.2172, -17.1287

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5310, 1.2172, -17.1287 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(99, 128, 121)` looks like.

```
.text, #text, p{  
    color:rgb(99, 128, 121)  
}
```

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(99, 128, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 128, 121) }
```

Border

The CSS property to change the border of an element to YUV 118.5310, 1.2172, -17.1287 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(99, 128, 121) }
```


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

```
.border{ border-color:rgb(99, 128, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 128, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 128, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 128, 121);  
box-shadow:4px 4px 4px 4px rgb(99, 128,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 118.5310, 1.2172, -17.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 128, 121) }
```

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

```
.background{ background-color: rgb(99, 128,  
121) }
```

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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