

Converting Colors

YUV(118.8790, 0.0597,
-19.1879)

Have a look what the booklet for
YUV(118.8790, 0.0597, -19.1879)
contains.

YUV(118.8790, 0.0597, -19.1879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.8790, 0.0597,
-19.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	618277
RGB	97, 130, 119
RGB Percent	38%, 51%, 47%
CMY	0.6196, 0.4902, 0.5333
CMYK	0.25, 0.00, 0.08, 0.49
HSL	160°, 15%, 45%
HSV	160°, 25%, 51%
XYZ	16.2422, 19.8386, 20.4259
YIQ	118.8790, -16.1370, -10.4170

Conversions

Conversions Part 2

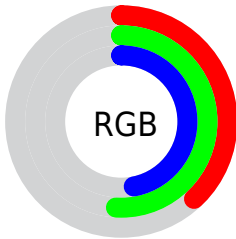
Format	Color
R_{YB}	97, 117, 130
Decimal	6390391
CIE _{Lab}	51.65, -14.15, 2.15
CIE _{LCh}	52, 14.313, 171.343
Yxy	19.8386, 0.2874, 0.3511
Android (android.graphics.Color)	4284580471 (0xFF618277)
YUV	118.8790, 0.0597, -19.1879
Hunter-Lab	44.5405, -12.8539, 3.9884

Details

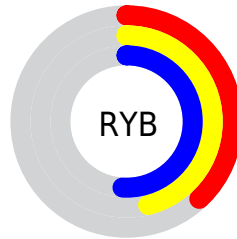
The YUV color $[118.8790, 0.0597, -19.1879]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[108.1210, -0.0597, 19.1879]$, and the grayscale version is $[119.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[171.1670, -0.0823, -20.3175]$, and $[70.2920, 0.3490, -18.6731]$ is the 20% darker color. If you saturate the color by 10%, you get $[114.5360, 0.2288, -26.7801]$, and if you desaturate by 10%, it is $[123.2220, -0.1094, -11.5957]$.

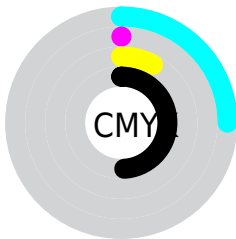
Distribution



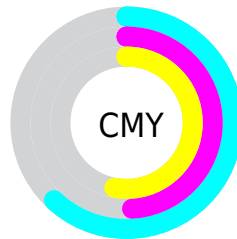
- Red (38%)
- Green (51%)
- Blue (47%)



- Red (38%)
- Yellow (46%)
- Blue (51%)



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8790, 0.0597, -19.1879 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 118.8790, 0.0597, -19.1879 by changing the saturation by 10% instead.

■ 118.8790, 0.0597,
-19.1879

■ 118.8790, 0.0597,
-19.1879

■ 255.0000, 0.0000,
0.0000

■ 94.1780, -0.0878,
-18.5731

■ 171.1670, -0.0823,
-20.3175

■ 70.2920, 0.3490,
-18.6731

■ 198.7540, -0.3717,
-20.8323

■ 47.0040, 0.4910,
-17.5435

■ 226.7540, -0.3717,
-20.8323

■ 25.5200, 1.2226,
-18.8730

■ 247.8240, 3.5378,
-14.7546

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 118.8790, 0.0597,
-19.1879

■ 118.8790, 0.0597,
-19.1879

■ 114.5360, 0.2288,
-26.7801

■ 123.2220, -0.1094,
-11.5957

■ 110.0790, -0.0389,
-34.2723

■ 127.6790, 0.1583,
-4.1035

■ 105.7360, 0.1302,
-41.8645

■ 132.0220, -0.0108,
3.4887

■ 101.3930, 0.2993,
-49.4567

■ 136.3650, -0.1799,
11.0809

■ 96.9360, 0.0316,
-56.9489

■ 140.8220, 0.0878,
18.5731

■ 92.5930, 0.2007,
-64.5411

■ 145.1650, -0.0813,
26.1653

■ 88.2500, 0.3698,
-72.1333

■ 149.5080, -0.2504,
33.7575

■ 86.2280, 0.3806,

■ 153.9650, 0.0173,

-75.6220

41.2497

 158.3080, -0.1518,
48.8419

Harmonies

Analogous

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



120.0390, -5.9352, -9.6812



118.8790, 0.0597, -19.1879



118.2680, 6.7699, -24.7910

Triad

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



118.8790, 0.0597, -19.1879



123.8500, 10.9199, -2.4995



123.8900, -9.8058, 18.5135

Complementary

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



118.8790, 0.0597, -19.1879



108.1210, -0.0597, 19.1879

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.



125.1660, -5.0118, 20.9024



118.8790, 0.0597, -19.1879



125.1890, 6.8088, 9.4812

Square

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



118.8790, 0.0597, -19.1879



121.5280, 12.5577, -14.4951



125.6370, 0.6720, 17.8584



122.9770, -11.8207, 11.4212

Rectangle

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



118.8790, 0.0597, -19.1879



118.7780, 9.9694, -24.3613



125.6370, 0.6720, 17.8584



124.2430, -8.5008, 19.9579

Sweetspot

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



118.8790, 0.0597, -19.1879



163.6570, 0.1691, -7.5922



119.6600, -11.1714, -10.2258



81.2660, -0.1311, -4.6183



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.



118.8790, 0.0597, -19.1879



151.1120, -0.0552, -29.0392



116.6110, 6.6008, -17.1988



61.6790, 0.1583, -4.1035



84.8260, 0.0858, -74.3924



0.0000, 0.0000, 0.0000

Inverse Universe

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



108.1210, -0.0597, 19.1879



134.8880, 0.0552, 29.0392



109.8020, -6.3114, 17.7136



59.4350, 0.2785, 4.0035



43.1740, -0.0858, 74.3924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.8790, 0.0597, -19.1879 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 118.8790, 0.0597, -19.1879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

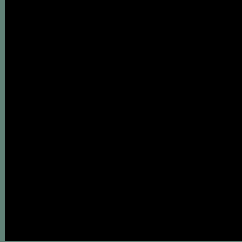
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.8790, 0.0597, -19.1879

Background



This preview shows how black text looks on a background with the YUV color 118.8790, 0.0597, -19.1879.



This preview shows how white text looks on a background with the YUV color 118.8790, 0.0597,

-19.1879.

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

118.8790, 0.0597, -19.1879

Protanopia

122.6970, -3.7946, 3.7737

Deuteranopia

124.0120, -1.4849, 9.6365



Tritanopia

120.3660, 8.2006, -16.9840

Trichromacy



Original Color

118.8790, 0.0597, -19.1879

Protanomaly

121.2830, -2.6045, -4.6332

Deuteranomaly

122.0600, -1.0156, -0.9296

Tritanomaly

119.8560, 5.0010, -17.4137

Monochromacy



Original Color

118.8790, 0.0597, -19.1879

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8790, 0.0597, -19.1879 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(97, 130, 119)` looks like.

```
.text, #text, p{  
    color:rgb(97, 130, 119)  
}
```

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(97, 130, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 130, 119) }
```

Border

The CSS property to change the border of an element to YUV 118.8790, 0.0597, -19.1879 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(97, 130, 119) }
```


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

```
.border{ border-color:rgb(97, 130, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 130, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 130, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 130, 119);  
box-shadow:4px 4px 4px 4px rgb(97, 130,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 118.8790, 0.0597, -19.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 130, 119) }
```

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

```
.background{ background-color: rgb(97, 130,  
119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor