

Converting Colors

YUV(118.1950, -2.5611,
-18.5880)

Have a look what the booklet for
YUV(118.1950, -2.5611, -18.5880)
contains.

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Color

**YUV(118.1950, -2.5611,
-18.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	618271
RGB	97, 130, 113
RGB Percent	38%, 51%, 44%
CMY	0.6196, 0.4902, 0.5569
CMYK	0.25, 0.00, 0.13, 0.49
HSL	149°, 15%, 45%
HSV	149°, 25%, 51%
XYZ	15.8930, 19.6989, 18.5874
YIQ	118.1950, -14.2110, -12.2830

Conversions

Conversions Part 2

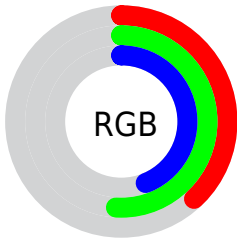
Format	Color
R_{YB}	97, 119, 130
Decimal	6390385
CIE _{Lab}	51.50, -15.47, 5.42
CIE _{LCh}	51, 16.390, 160.676
Yxy	19.6989, 0.2933, 0.3636
Android (android.graphics.Color)	4284580465 (0xFF618271)
YUV	118.1950, -2.5611, -18.5880
Hunter-Lab	44.3834, -13.7529, 6.2383

Details

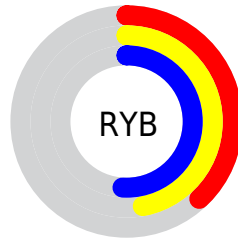
The YUV color **118.1950, -2.5611, -18.5880** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.8050, 2.5611, 18.5880**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4830, -2.7031, -19.7176**, and **69.6080, -2.2717, -18.0732** is the 20% darker color. If you saturate the color by 10%, you get **113.5100, -3.7024, -25.8803**, and if you desaturate by 10%, it is **122.8800, -1.4198, -11.2958**.

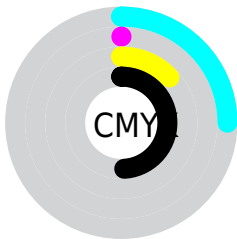
Distribution



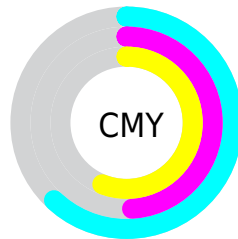
- Red (38%)
- Green (51%)
- Blue (44%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (49%)



- Cyan (62%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1950, -2.5611, -18.5880 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 118.1950, -2.5611, -18.5880 by changing the saturation by 10% instead.

■ 118.1950, -2.5611,
-18.5880

■ 118.1950, -2.5611,
-18.5880

■ 255.0000, 0.0000,
0.0000

■ 93.6080, -2.2717,
-18.0732

■ 170.4830, -2.7031,
-19.7176

■ 69.6080, -2.2717,
-18.0732

■ 198.0700, -2.9925,
-20.2324

■ 46.4340, -1.6930,
-17.0436

■ 226.0700, -2.9925,
-20.2324

■ 25.2490, -1.1088,
-17.7584

■ 247.0260, 0.4802,
-14.0548

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 118.1950, -2.5611,
-18.5880

■ 118.1950, -2.5611,
-18.5880

■ 113.5100, -3.7024,
-25.8803

■ 122.8800, -1.4198,
-11.2958

■ 108.9390, -4.4069,
-33.2725

■ 127.4510, -0.7153,
-3.9035

■ 104.2540, -5.5482,
-40.5648

■ 132.1360, 0.4260,
3.3887

■ 99.5690, -6.6895,
-47.8570

■ 136.8210, 1.5672,
10.6810

■ 94.9980, -7.3940,
-55.2492

■ 141.3920, 2.2717,
18.0732

■ 90.3130, -8.5353,
-62.5415

■ 146.0770, 3.4130,
25.3655

■ 85.6280, -9.6766,
-69.8338

■ 150.7620, 4.5543,
32.6577

■ 83.4920, -10.1026,

■ 155.4470, 5.6956,

-73.2225

39.9500

■ 160.0180, 6.4001,
47.3422

Harmonies

Analogous

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



119.5510, -9.1456, -6.6222



118.1950, -2.5611, -18.5880



117.0890, 4.8861, -27.2651

Triad

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



118.1950, -2.5611, -18.5880



122.5010, 13.5570, -8.3324



124.3250, -9.5272, 22.5170

Complementary

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



118.1950, -2.5611, -18.5880



108.8050, 2.5611, 18.5880

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.



124.9320, -3.4175, 22.8616



118.1950, -2.5611, -18.5880



124.2640, 9.7298, 5.9075

Square

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



118.1950, -2.5611, -18.5880



119.9400, 14.3266, -21.8724



125.3210, 3.2927, 17.2585



123.3690, -12.9999, 16.3394

Rectangle

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



118.1950, -2.5611, -18.5880



116.9300, 9.4015, -28.8796



125.3210, 3.2927, 17.2585



124.4930, -7.6380, 23.2466

Sweetspot

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



118.1950, -2.5611, -18.5880



163.3150, -1.1413, -7.2923



121.4540, -12.0558, -6.5372



81.1520, -0.5679, -4.5183



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.



118.1950, -2.5611, -18.5880



150.0860, -3.9864, -28.1394



120.0190, 4.4276, -20.1877



61.4510, -0.7153, -3.9035



82.2040, -9.9606, -72.0929



0.0000, 0.0000, 0.0000

Inverse Universe

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



108.8050, 2.5611, 18.5880



135.9140, 3.9864, 28.1394



106.9810, -4.4276, 20.1877



59.5490, 0.7153, 3.9035



45.7960, 9.9606, 72.0929



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 118.1950, -2.5611, -18.5880 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 118.1950, -2.5611, -18.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

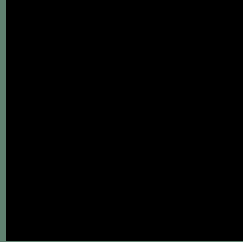
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.1950, -2.5611, -18.5880

Background



This preview shows how black text looks on a background with the YUV color 118.1950, -2.5611, -18.5880.



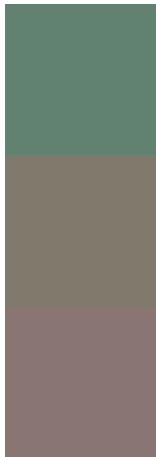
This preview shows how white text looks on a background with the YUV color 118.1950, -2.5611,

-18.5880.

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

118.1950, -2.5611, -18.5880

Protanopia

122.3120, -6.5628, 4.9884

Deuteranopia

123.3390, -4.1111, 11.9807



Tritanopia

120.6650, 8.0532, -16.3692

Trichromacy



Original Color

118.1950, -2.5611, -18.5880

Protanomaly

120.8980, -5.3727, -3.4185

Deuteranomaly

121.0880, -3.4944, 0.7998

Tritanomaly

119.6280, 4.1274, -17.2138

Monochromacy



Original Color

118.1950, -2.5611, -18.5880

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7280, -0.8519, -6.7775

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1950, -2.5611, -18.5880 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(97, 130, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 130, 113) }
```

Border

The CSS property to change the border of an element to YUV 118.1950, -2.5611, -18.5880 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, 113) }
```


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

```
.border{ border-color:rgb(97, 130, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 130, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 130, 113);  
box-shadow:4px 4px 4px 4px rgb(97, 130,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 118.1950, -2.5611, -18.5880 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, 113) }
```

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

```
.background{ background-color: rgb(97, 130,  
113) }
```

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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