

Converting Colors

YUV(119.3910, 10.1602,
-38.9309)

Have a look what the booklet for
YUV(119.3910, 10.1602, -38.9309)
contains.

YUV(119.3910, 10.1602, -38.9309)	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(119.3910, 10.1602,
-38.9309)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8A8C
RGB	75, 138, 140
RGB Percent	29%, 54%, 55%
CMY	0.7059, 0.4588, 0.4510
CMYK	0.46, 0.01, 0.00, 0.45
HSL	182°, 30%, 42%
HSV	182°, 46%, 55%
XYZ	16.7238, 21.5663, 28.0922
YIQ	119.3910, -38.1900, -12.7340

Conversions

Conversions Part 2

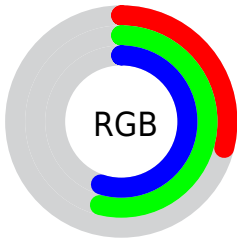
Format	Color
RYB	75, 107, 140
Decimal	4950668
CIELab	53.56, -19.67, -7.39
CIELCh	54, 21.006, 200.583
Yxy	21.5663, 0.2519, 0.3249
Android (android.graphics.Color)	4283140748 (0xFF4B8A8C)
YUV	119.3910, 10.1602, -38.9309
Hunter-Lab	46.4395, -16.9878, -3.3581

Details

The YUV color **119.3910, 10.1602, -38.9309** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **95.6090, -10.1602, 38.9309**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9780, 9.8708, -39.4457**, and **66.9990, 11.3395, -43.8491** is the 20% darker color. If you saturate the color by 10%, you get **115.2050, 12.2239, -47.5378**, and if you desaturate by 10%, it is **123.5770, 8.0965, -30.3240**.

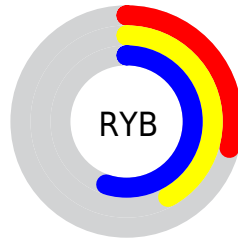
Distribution



Red (29%)

Green (54%)

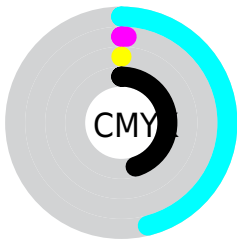
Blue (55%)



Red (29%)

Yellow (42%)

Blue (55%)

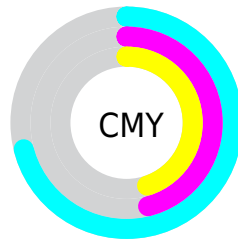


Cyan (46%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.3910, 10.1602, -38.9309 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 119.3910, 10.1602, -38.9309 by changing the saturation by 10% instead.

■ 119.3910, 10.1602,
-38.9309

■ 119.3910, 10.1602,
-38.9309

■ 255.0000, 0.0000,
0.0000

■ 93.2060, 10.7444,
-39.6457

■ 172.9780, 9.8708,
-39.4457

■ 66.9990, 11.3395,
-43.8491

■ 200.9780, 9.8708,
-39.4457

■ 45.2060, 10.7444,
-39.6457

■ 228.7930, 10.4551,
-40.1605

■ 29.7840, 7.5015,
-26.1206

■ 242.1430, 6.3385,
-26.4354

■ 15.6500, 4.1166,
-13.7250

■ 250.8140, 2.0637,
-8.6069

■ 0.0000, 0.0000,
0.0000

■ 119.3910, 10.1602,
-38.9309

■ 119.3910, 10.1602,
-38.9309

■ 115.2050, 12.2239,
-47.5378

■ 123.5770, 8.0965,
-30.3240

■ 110.4320, 14.5770,
-55.6299

■ 128.3500, 5.7435,
-22.2319

■ 106.2460, 16.6407,
-64.2367

■ 132.5360, 3.6798,
-13.6251

■ 101.4730, 18.9938,
-72.3288

■ 137.3090, 1.3267,
-5.5330

■ 97.2870, 21.0575,
-80.9357

■ 141.4950, -0.7370,
3.0739

■ 95.7920, 21.7945,
-84.0096

■ 146.2680, -3.0901,
11.1660

■ 150.4540, -5.1538,
19.7728

■ 154.6400, -7.2175,

28.3797

■ 159.4130, -9.5706,
36.4718

Harmonies

Analogous

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



121.1120, -0.0552, -29.0392



119.3910, 10.1602, -38.9309



120.8240, 16.8488, -37.5566

Triad

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



119.3910, 10.1602, -38.9309



130.7210, 9.9975, 13.3997



127.6310, -17.0731, 16.1096

Complementary

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



119.3910, 10.1602, -38.9309



95.6090, -10.1602, 38.9309

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.



129.2070, -13.9061, 27.0055



119.3910, 10.1602, -38.9309



130.6210, 1.6658, 25.7654

Square

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



119.3910, 10.1602, -38.9309



128.6200, 16.4563, -4.9287



130.0640, -6.9336, 30.6389



125.8850, -15.7193, 1.8549

Rectangle

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



119.3910, 10.1602, -38.9309



123.4490, 19.0056, -29.3348



130.0640, -6.9336, 30.6389



128.3650, -16.9419, 20.7279

Sweetspot

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



119.3910, 10.1602, -38.9309



172.9380, 3.9746, -14.8546



113.2690, -18.3736, -33.5619



86.6290, 2.6479, -9.3216



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.



119.3910, 10.1602, -38.9309



149.0400, 15.7563, -60.5481



100.6070, 19.4207, -22.4573



66.9070, 1.0318, -4.3034



90.8850, 20.7627, -79.7061



3.5050, 0.7370, -3.0739

Inverse Universe

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



101.6170, 17.9368, 33.6619



121.3710, 27.9181, 52.2946



114.3930, -19.4207, 22.4573



64.8910, 2.0257, 3.6036



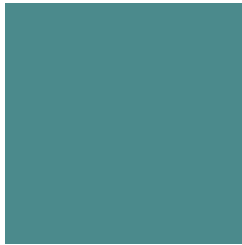
54.4730, 36.7418, 68.8682



2.0650, 1.4470, 2.5740

Previews

White Background



This preview shows how the YUV color 119.3910, 10.1602, -38.9309 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 119.3910, 10.1602, -38.9309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

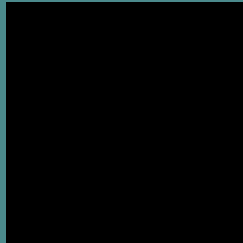
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.3910, 10.1602, -38.9309

Background



This preview shows how black text looks on a background with the YUV color 119.3910, 10.1602, -38.9309.



This preview shows how white text looks on a background with the YUV color 119.3910, 10.1602, -38.9309.

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

119.3910, 10.1602, -38.9309

Protanopia

127.9830, 2.4734, 0.0149

Deuteranopia

128.5580, 7.1199, 3.0186



Tritanopia

120.3140, 13.6492, -37.9864

Trichromacy



Original Color

119.3910, 10.1602, -38.9309

Protanomaly

124.9920, 5.4269, -14.0250

Deuteranomaly

125.1000, 8.3317, -12.3657

Tritanomaly

119.6730, 12.4862, -38.3012

Monochromacy



Original Color

119.3910, 10.1602, -38.9309

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2370, 3.8272, -14.2398

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.3910, 10.1602, -38.9309 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(75, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(75, 138, 140)  
}
```

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(75, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 138, 140) }
```

Border

The CSS property to change the border of an element to YUV 119.3910, 10.1602, -38.9309 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(75, 138, 140) }
```


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

```
.border{ border-color:rgb(75, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(75, 138,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 119.3910, 10.1602, -38.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 138, 140) }
```

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

```
.background{ background-color: rgb(75, 138,  
140) }
```

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