

Converting Colors

YUV(123.6590, -9.6919,
-18.1179)

Have a look what the booklet for
YUV(123.6590, -9.6919, -18.1179)
contains.

YUV(123.6590, -9.6919, -18.1179)	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(123.6590, -9.6919,
-18.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	678A68
RGB	103, 138, 104
RGB Percent	40%, 54%, 41%
CMY	0.5961, 0.4588, 0.5922
CMYK	0.25, 0.00, 0.25, 0.46
HSL	122°, 15%, 47%
HSV	122°, 25%, 54%
XYZ	17.1807, 22.0600, 16.4492
YIQ	123.6590, -9.9460, -17.9940

Conversions

Conversions Part 2

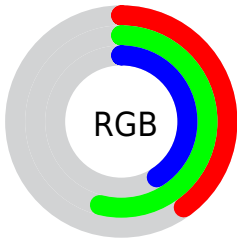
Format	Color
R_{YB}	103, 137, 138
Decimal	6785640
CIE _{Lab}	54.09, -19.41, 14.33
CIE _{LCh}	54, 24.123, 143.563
Yxy	22.0600, 0.3085, 0.3961
Android (android.graphics.Color)	4284975720 (0xFF678A68)
YUV	123.6590, -9.6919, -18.1179
Hunter-Lab	46.9681, -16.8997, 12.1131

Details

The YUV color **123.6590, -9.6919, -18.1179** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **117.3410, 9.6919, 18.1179**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7190, -10.7075, -19.0476**, and **74.5990, -8.6763, -17.1883** is the 20% darker color. If you saturate the color by 10%, you get **117.9910, -13.3066, -25.4251**, and if you desaturate by 10%, it is **129.3270, -6.0772, -10.8108**.

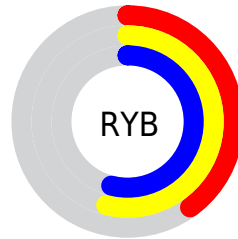
Distribution



Red (40%)

Green (54%)

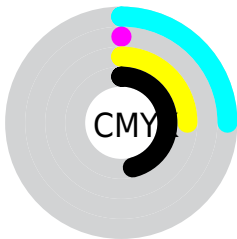
Blue (41%)



Red (40%)

Yellow (54%)

Blue (54%)

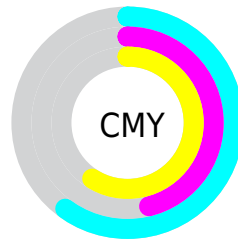


Cyan (25%)

Magenta (0%)

Yellow (25%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.6590, -9.6919, -18.1179 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 123.6590, -9.6919, -18.1179 by changing the saturation by 10% instead.

■ 123.6590, -9.6919,
-18.1179

■ 123.6590, -9.6919,
-18.1179

255.0000, 0.0000,
0.0000

■ 98.1860, -8.9657,
-17.7031

■ 176.7190,
-10.7075, -19.0476

■ 74.5990, -8.6763,
-17.1883

■ 204.3060,
-10.9969, -19.5624

■ 51.1260, -7.9501,
-16.7735

■ 232.3060,
-10.9969, -19.5624

■ 28.9410, -7.3659,
-17.4883

■ 247.9790, -4.9196,
-8.7516

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,
0.0000

■ 123.6590, -9.6919,
-18.1179

■ 123.6590, -9.6919,
-18.1179

■ 117.9910,
-13.3066, -25.4251

■ 129.3270, -6.0772,
-10.8108

■ 112.2090,
-17.3580, -32.6323

■ 135.1090, -2.0257,
-3.6036

■ 106.8400,
-21.1201, -39.3247

■ 140.4780, 1.7363,
3.0888

■ 101.0580,
-25.1716, -46.5319

■ 146.2600, 5.7878,
10.2960

■ 95.3900, -28.7863,
-53.8390

■ 151.9280, 9.4025,
17.6031

■ 89.7220, -32.4009,
-61.1462

■ 157.5960, 13.0172,
24.9103

■ 83.9400, -36.4524,
-68.3534


■ 163.3780, 17.0686,
32.1175

■ 81.4620, -38.1888,

■ 168.7470, 20.8307,

-71.4422

38.8099

 174.5290, 24.8822,
46.0171

Harmonies

Analogous

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



126.4180, -17.4611, 0.5104



123.6590, -9.6919, -18.1179



120.8230, 1.5663, -35.8018

Triad

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



123.6590, -9.6919, -18.1179



126.1550, 21.6156, -26.4459



131.6300, -8.6916, 34.5275

Complementary

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



123.6590, -9.6919, -18.1179



117.3410, 9.6919, 18.1179

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.



132.2410, 1.3602, 30.4836



123.6590, -9.6919, -18.1179



130.6740, 17.9087, -4.0991

Square

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



123.6590, -9.6919, -18.1179



120.4040, 20.5068, -44.2043



132.8570, 10.4235, 16.7884



130.5340, -16.5323, 29.3497

Rectangle

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



123.6590, -9.6919, -18.1179



118.5320, 9.5977, -45.1936



132.8570, 10.4235, 16.7884



131.7270, -5.7814, 34.4424

Sweetspot

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



123.6590, -9.6919, -18.1179



172.9190, -3.9041, -7.8220



133.7110, -15.1405, 2.8845



85.3970, -2.1677, -4.7332



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



123.6590, -9.6919, -18.1179



156.8120, -15.1903, -27.8991



125.5970, -2.2663, -19.8176



66.1090, -2.0257, -3.6036



78.5270, -36.7418, -68.8682



2.9350, -1.4470, -2.5740

Inverse Universe

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



117.3410, 9.6919, 18.1179



147.0740, 14.7535, 27.9991



115.4030, 2.2663, 19.8176



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 123.6590, -9.6919, -18.1179 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 123.6590, -9.6919, -18.1179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

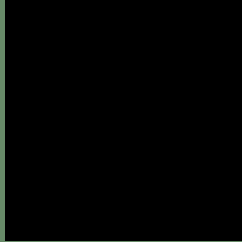
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.6590, -9.6919, -18.1179

Background



This preview shows how black text looks on a background with the YUV color 123.6590, -9.6919, -18.1179.



This preview shows how white text looks on a background with the YUV color 123.6590, -9.6919, -18.1179.

-18.1179.

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

123.6590, -9.6919, -18.1179

Protanopia

128.3850, -13.9938, 8.4324

Deuteranopia

129.5370, -11.1107, 17.0691



Tritanopia

127.2630, 7.7583, -15.1397

Trichromacy



Original Color

123.6590, -9.6919, -18.1179

Protanomaly

126.3730, -12.5089, -1.2041

Deuteranomaly

127.2750, -10.4886, 4.1438

Tritanomaly

125.9440, 1.5066, -16.6139

Monochromacy



Original Color

123.6590, -9.6919, -18.1179

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.7450, -3.3253, -6.7924

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.6590, -9.6919, -18.1179 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(103, 138, 104)` looks like.

```
.text, #text, p{  
    color:rgb(103, 138, 104)  
}
```

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(103, 138, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 138, 104) }
```

Border

The CSS property to change the border of an element to YUV 123.6590, -9.6919, -18.1179 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(103, 138, 104) }
```


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

```
.border{ border-color:rgb(103, 138, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 138, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 138, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 138, 104);  
box-shadow:4px 4px 4px 4px rgb(103, 138,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 123.6590, -9.6919, -18.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 138, 104) }
```

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

```
.background{ background-color: rgb(103,  
138, 104) }
```

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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