

Converting Colors

YUV(119.8200, 6.0047,
-59.4781)

Have a look what the booklet for
YUV(119.8200, 6.0047, -59.4781)
contains.

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Color

**YUV(119.8200, 6.0047,
-59.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	349884
RGB	52, 152, 132
RGB Percent	20%, 60%, 52%
CMY	0.7961, 0.4039, 0.4824
CMYK	0.66, 0.00, 0.13, 0.40
HSL	168°, 49%, 40%
HSV	168°, 66%, 60%
XYZ	16.8093, 24.8525, 25.7409
YIQ	119.8200, -53.1800, -27.4200

Conversions

Conversions Part 2

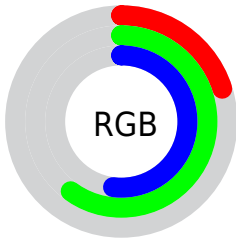
Format	Color
RYB	52, 108, 152
Decimal	3446916
CIELab	56.93, -33.70, 2.08
CIElCh	57, 33.768, 176.473
Yxy	24.8525, 0.2494, 0.3687
Android (android.graphics.Color)	4281636996 (0xFF349884)
YUV	119.8200, 6.0047, -59.4781
Hunter-Lab	49.8523, -27.0545, 4.2826

Details

The YUV color **119.8200, 6.0047, -59.4781** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **84.1800, -6.0047, 59.4781**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7880, 4.5415, -56.8191**, and **68.1620, 7.3151, -59.7781** is the 20% darker color. If you saturate the color by 10%, you get **114.9930, 6.9055, -68.3999**, and if you desaturate by 10%, it is **124.6470, 5.1040, -50.5564**.

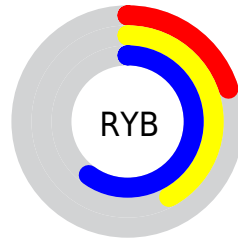
Distribution



Red (20%)

Green (60%)

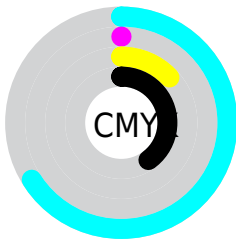
Blue (52%)



Red (20%)

Yellow (42%)

Blue (60%)

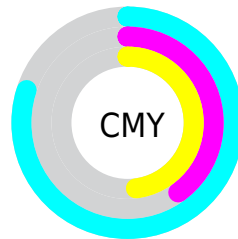


Cyan (66%)

Magenta (0%)

Yellow (13%)

Black (40%)



Cyan (80%)

Magenta (40%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8200, 6.0047, -59.4781 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 119.8200, 6.0047, -59.4781 by changing the saturation by 10% instead.

■ 119.8200, 6.0047,
-59.4781

■ 119.8200, 6.0047,
-59.4781

■ 255.0000, 0.0000,
0.0000

■ 89.1500, 8.8001,
-69.4145

■ 175.7880, 4.5415,
-56.8191

■ 68.1620, 7.3151,
-59.7781

■ 203.7880, 4.5415,
-56.8191

■ 51.4520, 4.2142,
-45.1234

■ 227.0920, 6.8566,
-52.7007

■ 34.8560, 1.5500,
-30.5687

■ 237.3590, 8.6970,
-36.2718

■ 20.7220, -1.8349,
-18.1732

■ 246.0300, 4.4222,
-18.4433

■ 0.0000, 0.0000,
0.0000

■ 119.8200, 6.0047,
-59.4781

■ 119.8200, 6.0047,
-59.4781

■ 114.9930, 6.9055,
-68.3999

■ 124.6470, 5.1040,
-50.5564

■ 110.1660, 7.8062,
-77.3216

■ 129.4740, 4.2033,
-41.6347

■ 105.0400, 8.8543,
-86.8581

■ 134.6000, 3.1552,
-32.0982

■ 103.1320, 9.3019,
-90.4468

■ 139.4270, 2.2545,
-23.1765

■ 144.2540, 1.3538,
-14.2548

■ 149.0810, 0.4531,
-5.3330

■ 153.9080, -0.4476,
3.5887

■ 159.0340, -1.4958,

13.1252

■ 163.8610, -2.3965,
22.0469

Harmonies

Analogous

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



127.3110, -11.9853, -29.2137



119.8200, 6.0047, -59.4781



107.6920, 26.7738, -94.4459

Triad

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



119.8200, 6.0047, -59.4781



138.2210, 25.0340, -2.8248



136.3520, -23.8375, 39.1563

Complementary

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



119.8200, 6.0047, -59.4781



84.1800, -6.0047, 59.4781

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.



137.9800, -12.8081, 48.2525



119.8200, 6.0047, -59.4781



140.6500, 14.4695, 25.7399

Square

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



119.8200, 6.0047, -59.4781



130.7110, 31.6945, -39.2115



139.8020, 0.5906, 44.0236



134.9770, -28.5827, 21.0682

Rectangle

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



119.8200, 6.0047, -59.4781



108.3420, 34.3414, -95.0159



139.8020, 0.5906, 44.0236



137.1830, -20.7962, 43.6895

Sweetspot

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



119.8200, 6.0047, -59.4781



183.4270, 2.2545, -23.1765



116.6800, -31.8872, -39.1844



91.6670, 1.6432, -13.7400



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



119.8200, 6.0047, -59.4781



146.1210, 9.3073, -92.1911



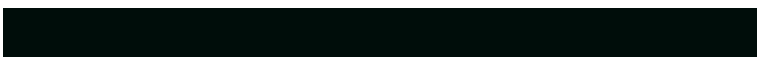
104.4900, 23.4224, -46.0337



74.3800, 0.3057, -4.7183



94.9480, 8.4066, -83.2694



8.7710, 0.6059, -7.6922

Inverse Universe

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



84.1800, -6.0047, 59.4781



90.8790, -9.3073, 92.1911



99.5100, -23.4224, 46.0337



71.5060, -0.7425, 4.8182



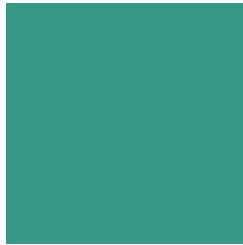
45.0520, -8.4066, 83.2694



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 119.8200, 6.0047, -59.4781 looks on a white background.

Color Contrast Check

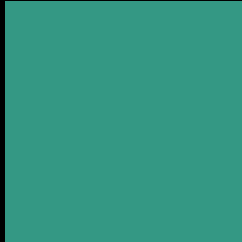
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8200, 6.0047, -59.4781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

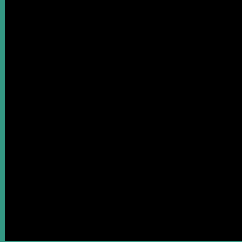
Any Text WCAG AA ✓ Pass

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 119.8200, 6.0047, -59.4781 Background



This preview shows how black text looks on a background with the YUV color 119.8200, 6.0047, -59.4781.

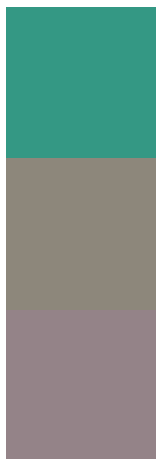


This preview shows how white text looks on a background with the YUV color 119.8200, 6.0047,

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

119.8200, 6.0047, -59.4781

Protanopia

135.4260, -6.1260, 4.8884

Deuteranopia

136.6530, -0.3219, 9.9513



Tritanopia

124.2520, 17.6238, -52.8410

Trichromacy



Original Color

119.8200, 6.0047, -59.4781

Protanomaly

129.7220, -1.8349, -18.1732

Deuteranomaly

130.7700, 2.0854, -15.5843

Tritanomaly

122.5030, 13.5560, -54.8151

Monochromacy



Original Color

119.8200, 6.0047, -59.4781

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0250, 1.9597, -21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8200, 6.0047, -59.4781 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(52, 152, 132)` looks like.

```
.text, #text, p{  
    color:rgb(52, 152, 132)  
}
```

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(52, 152, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 152, 132) }
```

Border

The CSS property to change the border of an element to YUV 119.8200, 6.0047, -59.4781 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(52, 152, 132) }
```


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

```
.border{ border-color:rgb(52, 152, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 152, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 152, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 152, 132);  
box-shadow:4px 4px 4px 4px rgb(52, 152,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 119.8200, 6.0047, -59.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 152, 132) }
```

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

```
.background{ background-color: rgb(52, 152,  
132) }
```

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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