

Converting Colors

YUV(119.4580, 31.8192,
-79.3317)

Have a look what the booklet for
YUV(119.4580, 31.8192, -79.3317)
contains.

YUV(119.4580, 31.8192, -79.3317)	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(119.4580, 31.8192,
-79.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	1D99B8
RGB	29, 153, 184
RGB Percent	11%, 60%, 72%
CMY	0.8863, 0.4000, 0.2784
CMYK	0.84, 0.17, 0.00, 0.28
HSL	192°, 73%, 42%
HSV	192°, 84%, 72%
XYZ	20.5497, 26.5044, 49.3802
YIQ	119.4580, -83.8550, -16.6470

Conversions

Conversions Part 2

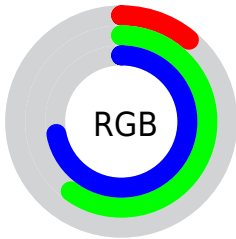
Format	Color
R_{YB}	29, 98, 184
Decimal	1939896
CIE _{Lab}	58.51, -21.08, -25.19
CIE _{LCh}	59, 32.847, 230.075
Yxy	26.5044, 0.2131, 0.2748
Android (android.graphics.Color)	4280129976 (0xFF1D99B8)
YUV	119.4580, 31.8192, -79.3317
Hunter-Lab	51.4824, -18.8443, -20.8313

Details

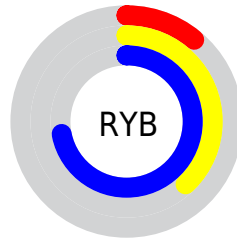
The YUV color **119.4580, 31.8192, -79.3317** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **93.5420, -31.8192, 79.3317**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5520, 29.3079, -67.1361**, and **74.8080, 27.7027, -65.6066** is the 20% darker color. If you saturate the color by 10%, you get **111.7280, 35.6301, -88.3385**, and if you desaturate by 10%, it is **127.1880, 28.0083, -70.3249**.

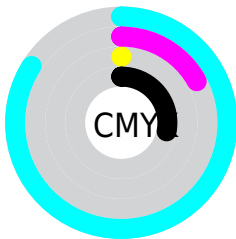
Distribution



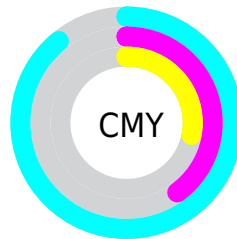
- Red (11%)
- Green (60%)
- Blue (72%)



- Red (11%)
- Yellow (38%)
- Blue (72%)



- Cyan (84%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (89%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4580, 31.8192, -79.3317 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 119.4580, 31.8192, -79.3317 by changing the saturation by 10% instead.

■ 119.4580, 31.8192,
-79.3317

■ 119.4580, 31.8192,
-79.3317

■ 255.0000, 0.0000,
0.0000

■ 92.4470, 31.8246,
-81.0760

■ 180.5520, 29.3079,
-67.1361

■ 74.8080, 27.7027,
-65.6066

■ 207.6680, 23.3347,
-64.6068

■ 57.8700, 23.7281,
-50.7520

■ 227.7910, 13.4140,
-55.9447

■ 40.9320, 19.7535,
-35.8974

■ 236.7610, 8.9918,
-37.5014

■ 26.5700, 15.4950,
-23.3019

■ 245.7310, 4.5696,
-19.0581

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 119.4580, 31.8192,
-79.3317

■ 119.4580, 31.8192,
-79.3317

■ 111.7280, 35.6301,
-88.3385

■ 127.1880, 28.0083,
-70.3249

■ 107.2650, 37.8304,
-94.0714

■ 134.6300, 24.3394,
-60.1885

■ 142.3600, 20.5285,
-51.1817

■ 150.3890, 16.5702,
-41.5602

■ 157.5320, 13.0487,
-32.0386

■ 165.2620, 9.2378,
-23.0318

■ 173.2910, 5.2795,
-13.4102

■ 180.4340, 1.7580,
-3.8886

■ 188.4630, -2.2003,
5.7329

Harmonies

Analogous

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



117.4720, 20.4733, -80.2209



119.4580, 31.8192, -79.3317



132.6780, 31.7107, -44.4446

Triad

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



119.4580, 31.8192, -79.3317



143.9910, 3.9484, 40.3499



136.7790, -25.0340, 2.8248

Complementary

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



119.4580, 31.8192, -79.3317



93.5420, -31.8192, 79.3317

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.



139.6400, -27.4305, 24.8717



119.4580, 31.8192, -79.3317



142.6640, -10.1874, 47.6527

Square

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



119.4580, 31.8192, -79.3317



144.4860, 16.5224, 20.6218



141.3460, -21.3696, 40.9156



132.9590, -14.7698, -22.7660

Rectangle

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



119.4580, 31.8192, -79.3317



139.0230, 28.5827, -21.0682



141.3460, -21.3696, 40.9156



137.6660, -26.9503, 10.8169

Sweetspot

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



119.4580, 31.8192, -79.3317



215.0160, 12.3171, -30.7090



123.5190, -31.3149, -82.8932



105.1270, 7.3324, -18.5284



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



119.4580, 31.8192, -79.3317



140.0640, 49.2684, -122.8361



73.6720, 54.3917, -39.1773



88.1350, 1.9054, -4.5034



90.5720, 32.2560, -79.4316



16.1060, 5.8637, -14.1250

Inverse Universe

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



89.4810, 31.3149, 82.8932



93.6480, 48.4875, 128.3507



139.3280, -54.3917, 39.1773



86.4890, 1.7309, 4.8331



60.7800, 31.1675, 83.5079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 119.4580, 31.8192, -79.3317 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 119.4580, 31.8192, -79.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

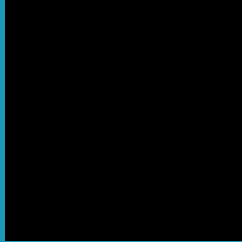
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4580, 31.8192, -79.3317

Background



This preview shows how black text looks on a background with the YUV color 119.4580, 31.8192, -79.3317.



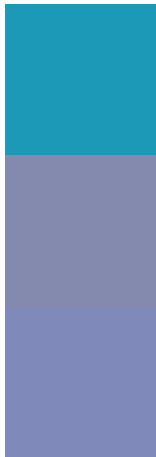
This preview shows how white text looks on a background with the YUV color 119.4580, 31.8192, -79.3317.

-79.3317.

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

119.4580, 31.8192, -79.3317

Protanopia

139.8970, 16.3198, -7.8027

Deuteranopia

140.2970, 23.0246, -11.6615



Tritanopia

110.1370, 28.5265, -96.5901

Trichromacy



Original Color

119.4580, 31.8192, -79.3317

Protanomaly

132.2250, 22.0741, -33.5233

Deuteranomaly

132.3540, 26.4475, -36.2675

Tritanomaly

113.5230, 29.8152, -89.9127

Monochromacy



Original Color

119.4580, 31.8192, -79.3317

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9130, 11.8749, -28.8647

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4580, 31.8192, -79.3317 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(29, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(29, 153, 184)  
}
```

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(29, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 153, 184) }
```

Border

The CSS property to change the border of an element to YUV 119.4580, 31.8192, -79.3317 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(29, 153, 184) }
```


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

```
.border{ border-color:rgb(29, 153, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(29, 153,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 119.4580, 31.8192, -79.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 153, 184) }
```

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

```
.background{ background-color: rgb(29, 153,  
184) }
```

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