

Converting Colors

YUV(94.8310, 19.3103,
-80.5358)

Have a look what the booklet for
YUV(94.8310, 19.3103, -80.5358)
contains.

YUV(94.8310, 19.3103, -80.5358)	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(94.8310, 19.3103,
-80.5358)**

Conversions

Conversions Part 1

Format	Color
Hex	038686
RGB	3, 134, 134
RGB Percent	1%, 53%, 53%
CMY	0.9882, 0.4745, 0.4745
CMYK	0.98, 0.00, 0.00, 0.47
HSL	180°, 96%, 27%
HSV	180°, 98%, 53%
XYZ	12.8657, 18.7908, 25.5031
YIQ	94.8310, -78.0760, -27.7720

Conversions

Conversions Part 2

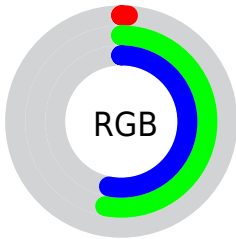
Format	Color
RYB	3, 69, 134
Decimal	231046
CIELab	50.44, -29.66, -8.73
CIELCh	50, 30.919, 196.401
Yxy	18.7908, 0.2251, 0.3287
Android (android.graphics.Color)	4278421126 (0xFF038686)
YUV	94.8310, 19.3103, -80.5358
Hunter-Lab	43.3483, -22.8810, -4.5383

Details

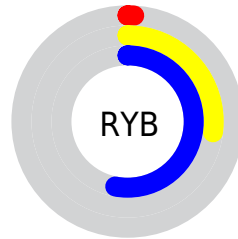
The YUV color **94.8310, 19.3103, -80.5358** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **42.1690, -19.3103, 80.5358**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0890, 14.7461, -63.2221**, and **58.9980, 12.8190, -51.7412** is the 20% darker color. If you saturate the color by 10%, you get **93.9340, 19.7525, -82.3801**, and if you desaturate by 10%, it is **98.7180, 17.3940, -72.5437**.

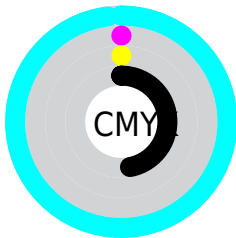
Distribution



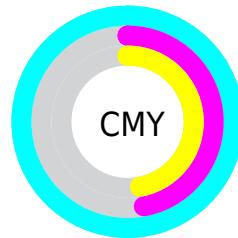
- Red (1%)
- Green (53%)
- Blue (53%)



- Red (1%)
- Yellow (27%)
- Blue (53%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (99%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8310, 19.3103, -80.5358 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 94.8310, 19.3103, -80.5358 by changing the saturation by 10% instead.

■ 94.8310, 19.3103,
-80.5358

■ 94.8310, 19.3103,
-80.5358

■ 255.0000, 0.0000,
0.0000

■ 75.8220, 16.3568,
-66.4959

■ 157.0890, 14.7461,
-63.2221

■ 58.9980, 12.8190,
-51.7412

■ 185.6870, 14.4513,
-61.9925

■ 42.1740, 9.2812,
-36.9866

■ 213.9860, 14.3039,
-61.3777

■ 26.8660, 6.4751,
-23.5615

■ 230.4820, 12.0874,
-50.4117

■ 4.6280, 7.5784,
-4.0588

■ 239.1530, 7.8126,
-32.5832

■ 0.0000, 0.0000,
0.0000

■ 248.1230, 3.3904,

-14.1399

■ 94.8310, 19.3103,
-80.5358

■ 94.8310, 19.3103,
-80.5358

■ 93.9340, 19.7525,
-82.3801

■ 98.7180, 17.3940,
-72.5437

■ 102.9040, 15.3303,
-63.9368

■ 106.7910, 13.4140,
-55.9447

■ 110.9770, 11.3503,
-47.3378

■ 114.8640, 9.4340,
-39.3457

■ 118.7510, 7.5178,
-31.3536

■ 122.9370, 5.4541,
-22.7467

■ 126.8240, 3.5378,
-14.7546

■ 131.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



107.6110, -0.3012, -43.5088



94.8310, 19.3103, -80.5358



95.3820, 30.3777, -83.6500

Triad

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



94.8310, 19.3103, -80.5358



123.4530, 16.5387, 15.3887



119.0360, -24.6677, 25.4014

Complementary

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



94.8310, 19.3103, -80.5358



42.1690, -19.3103, 80.5358

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.



120.4320, -18.4540, 39.0861



94.8310, 19.3103, -80.5358



123.4850, 4.6909, 35.5317

Square

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



94.8310, 19.3103, -80.5358



120.0410, 24.6298, -13.1910



121.9130, -7.8451, 43.0493



116.8440, -23.5871, 5.3988

Rectangle

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



94.8310, 19.3103, -80.5358



105.9490, 30.5911, -58.7143



121.9130, -7.8451, 43.0493



119.4110, -23.3736, 30.3346

Sweetspot

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



94.8310, 19.3103, -80.5358



158.0500, 7.3704, -30.7388



79.8970, -37.9102, -67.4387



77.7310, 4.5696, -19.0581



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



94.8310, 19.3103, -80.5358



121.2730, 25.5014, -106.3564



56.6760, 38.1207, -47.0739



64.2060, 0.8844, -3.6887



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Inverse Universe

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



57.1030, 37.9102, 67.4387



71.4490, 50.0646, 89.0602



80.9110, -38.4101, 46.5591



62.4780, 1.7363, 3.0888



53.6900, 37.6208, 66.9239



1.2390, 0.8682, 1.5444

Previews

White Background



This preview shows how the YUV color 94.8310, 19.3103, -80.5358 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 94.8310, 19.3103, -80.5358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

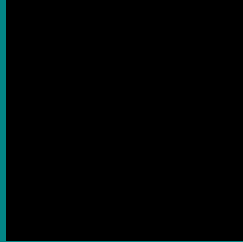
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.8310, 19.3103, -80.5358

Background



This preview shows how black text looks on a background with the YUV color 94.8310, 19.3103, -80.5358.

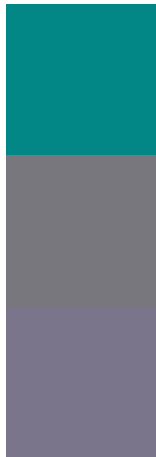


This preview shows how white text looks on a background with the YUV color 94.8310, 19.3103,

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

94.8310, 19.3103, -80.5358

Protanopia

119.9830, 2.4734, 0.0149

Deuteranopia

120.8890, 8.4357, 0.9743



Tritanopia

101.5490, 20.4353, -68.0105

Trichromacy



Original Color

94.8310, 19.3103, -80.5358

Protanomaly

110.4030, 8.6753, -29.2944

Deuteranomaly

111.4400, 12.6011, -28.4499

Tritanomaly

98.8150, 20.3042, -72.6288

Monochromacy



Original Color

94.8310, 19.3103, -80.5358

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9470, 6.9281, -28.8945

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8310, 19.3103, -80.5358 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(3, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(3, 134, 134)  
}
```

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(3, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 134, 134) }
```

Border

The CSS property to change the border of an element to YUV 94.8310, 19.3103, -80.5358 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(3, 134, 134) }
```


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

```
.border{ border-color:rgb(3, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(3, 134,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 94.8310, 19.3103, -80.5358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 134, 134) }
```

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

```
.background{ background-color: rgb(3, 134,  
134) }
```

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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