

Converting Colors

YUV(119.8460, 19.7959,
-96.3349)

Have a look what the booklet for
YUV(119.8460, 19.7959, -96.3349)
contains.

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Color

**YUV(119.8460, 19.7959,
-96.3349)**

Conversions

Conversions Part 1

Format	Color
Hex	0AA8A0
RGB	10, 168, 160
RGB Percent	4%, 66%, 63%
CMY	0.9608, 0.3412, 0.3725
CMYK	0.94, 0.00, 0.05, 0.34
HSL	177°, 89%, 35%
HSV	177°, 94%, 66%
XYZ	20.4730, 30.6079, 38.0866
YIQ	119.8460, -91.6000, -35.9840

Conversions

Conversions Part 2

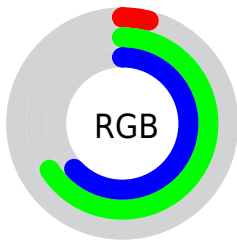
Format	Color
RYB	10, 91, 168
Decimal	698528
CIELab	62.18, -37.24, -6.13
CIELCh	62, 37.743, 189.352
Yxy	30.6079, 0.2296, 0.3433
Android (android.graphics.Color)	4278888608 (0xFF0AA8A0)
YUV	119.8460, 19.7959, -96.3349
Hunter-Lab	55.3244, -30.7631, -2.0895

Details

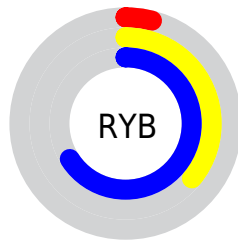
The YUV color **119.8460, 19.7959, -96.3349** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **58.1540, -19.7959, 96.3349**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.0010, 14.7895, -77.1769**, and **79.9310, 14.3310, -70.0995** is the 20% darker color. If you saturate the color by 10%, you get **116.7420, 20.8332, -102.3827**, and if you desaturate by 10%, it is **125.0430, 17.7268, -85.9837**.

Distribution



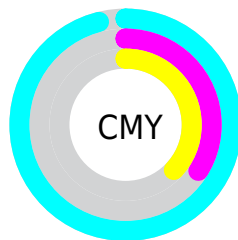
- Red (4%)
- Green (66%)
- Blue (63%)



- Red (4%)
- Yellow (36%)
- Blue (66%)



- Cyan (94%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)



- Cyan (96%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8460, 19.7959, -96.3349 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 119.8460, 19.7959, -96.3349 by changing the saturation by 10% instead.

■ 119.8460, 19.7959,
-96.3349

■ 119.8460, 19.7959,
-96.3349

■ 255.0000, 0.0000,
0.0000

■ 98.0430, 17.7268,
-85.9837

■ 185.0010, 14.7895,
-77.1769

■ 79.9310, 14.3310,
-70.0995

■ 214.4850, 14.0579,
-75.8473

■ 62.4060, 10.6458,
-54.7301

■ 225.9970, 14.2985,
-59.6334

■ 45.6960, 7.5449,
-40.0754

■ 234.9670, 9.8763,
-41.1901

■ 29.8010, 5.0281,
-26.1355

■ 243.9370, 5.4541,
-22.7467

■ 11.0850, 4.3951,
-9.7215

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 119.8460, 19.7959,
-96.3349

■ 119.8460, 19.7959,
-96.3349

■ 116.7420, 20.8332,
-102.3827

■ 125.0430, 17.7268,
-85.9837

■ 130.2400, 15.6577,
-75.6325

■ 135.1380, 13.7360,
-65.8960

■ 140.2210, 11.2300,
-55.4448

■ 145.4180, 9.1609,
-45.0936

■ 150.6150, 7.0918,
-34.7424

■ 155.8120, 5.0227,
-24.3911

■ 160.7100, 3.1010,
-14.6547

■ 165.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



136.3240, -5.0897, -47.6421



119.8460, 19.7959, -96.3349



119.3300, 35.8263, -104.6524

Triad

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



119.8460, 19.7959, -96.3349



153.9670, 23.6803, 11.4299



149.3210, -30.2313, 36.5525

Complementary

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



119.8460, 19.7959, -96.3349



58.1540, -19.7959, 96.3349

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.



150.9390, -20.6759, 51.7965



119.8460, 19.7959, -96.3349



154.2990, 10.2056, 40.0798

Square

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



119.8460, 19.7959, -96.3349



147.6570, 33.6931, -26.8862



153.1470, -5.9885, 54.2451



146.8250, -31.4657, 12.4315

Rectangle

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



119.8460, 19.7959, -96.3349



121.6710, 42.0672, -99.6895



153.1470, -5.9885, 54.2451



150.0490, -27.6322, 42.9300

Sweetspot

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



119.8460, 19.7959, -96.3349



200.4190, 7.6814, -37.2015



106.0350, -47.3453, -74.5757



98.4100, 4.7279, -23.1616



237.0000, 0.0000, 0.0000



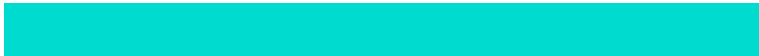
110.0000, 0.0000, 0.0000

Same Dimension

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



119.8460, 19.7959, -96.3349



152.2650, 27.4774, -133.5364



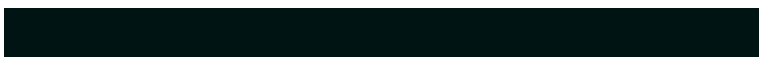
80.8420, 42.9689, -62.1284



81.6080, 1.1793, -4.9182



102.8360, 18.3219, -90.1872



13.9060, 2.5113, -12.1956

Inverse Universe

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



58.1540, -19.7959, 96.3349



66.7350, -27.4774, 133.5364



97.1580, -42.9689, 62.1284



78.3920, -1.1793, 4.9182



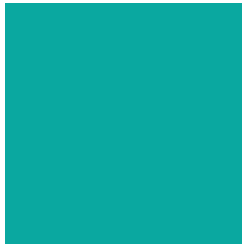
45.0500, -18.7586, 90.2871



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 119.8460, 19.7959, -96.3349 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 119.8460, 19.7959, -96.3349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

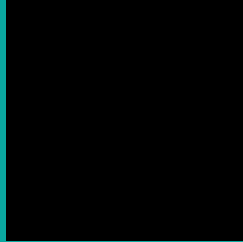
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 119.8460, 19.7959, -96.3349

Background



This preview shows how black text looks on a background with the YUV color 119.8460, 19.7959, -96.3349.

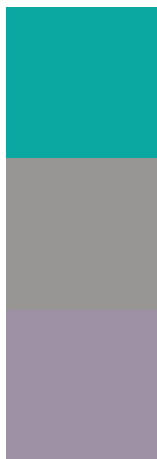


This preview shows how white text looks on a background with the YUV color 119.8460, 19.7959, -96.3349.

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

119.8460, 19.7959, -96.3349

Protanopia

149.8970, -0.4422, 1.8443

Deuteranopia

150.5690, 7.1145, 4.7630



Tritanopia

128.6230, 24.8359, -79.4764

Trichromacy



Original Color

119.8460, 19.7959, -96.3349

Protanomaly

138.9140, 6.9444, -34.1276

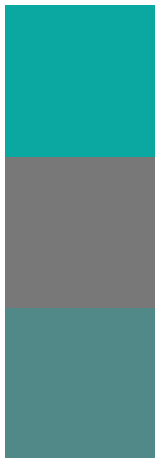
Deuteranomaly

139.1900, 11.7383, -31.7386

Tritanomaly

125.4220, 22.9630, -85.4391

Monochromacy



Original Color

119.8460, 19.7959, -96.3349

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7290, 7.5286, -34.8423

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8460, 19.7959, -96.3349 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(10, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(10, 168, 160)  
}
```

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(10, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 168, 160) }
```

Border

The CSS property to change the border of an element to YUV 119.8460, 19.7959, -96.3349 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(10, 168, 160) }
```


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

```
.border{ border-color:rgb(10, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(10, 168,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 119.8460, 19.7959, -96.3349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 168, 160) }
```

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

```
.background{ background-color: rgb(10, 168,  
160) }
```

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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