

Converting Colors

YUV(115.7980, 19.3266,
-85.7688)

Have a look what the booklet for
YUV(115.7980, 19.3266, -85.7688)
contains.

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Color

**YUV(115.7980, 19.3266,
-85.7688)**

Conversions

Conversions Part 1

Format	Color
Hex	129E9B
RGB	18, 158, 155
RGB Percent	7%, 62%, 61%
CMY	0.9294, 0.3804, 0.3922
CMYK	0.89, 0.00, 0.02, 0.38
HSL	179°, 80%, 35%
HSV	179°, 89%, 62%
XYZ	18.3927, 26.9489, 35.2426
YIQ	115.7980, -82.4770, -30.6130

Conversions

Conversions Part 2

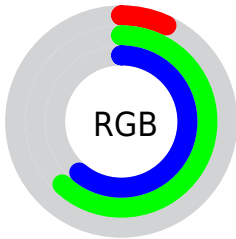
Format	Color
R_{YB}	18, 89, 158
Decimal	1220251
CIE _{Lab}	58.93, -33.76, -8.14
CIE _{LCh}	59, 34.723, 193.550
Yxy	26.9489, 0.2282, 0.3344
Android (android.graphics.Color)	4279410331 (0xFF129E9B)
YUV	115.7980, 19.3266, -85.7688
Hunter-Lab	51.9123, -27.6034, -3.9126

Details

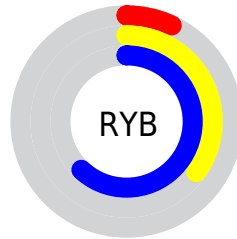
The YUV color **115.7980, 19.3266, -85.7688** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **60.2020, -19.3266, 85.7688**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5610, 15.4994, -71.5290**, and **74.0780, 14.7515, -64.9664** is the 20% darker color. If you saturate the color by 10%, you get **111.0140, 21.6851, -95.6053**, and if you desaturate by 10%, it is **120.5820, 16.9681, -75.9324**.

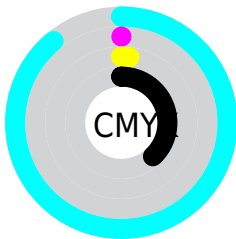
Distribution



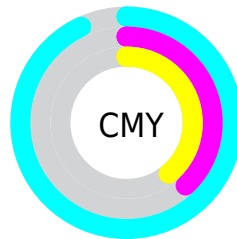
- Red (7%)
- Green (62%)
- Blue (61%)



- Red (7%)
- Yellow (35%)
- Blue (62%)



- Cyan (89%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (93%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7980, 19.3266, -85.7688 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 115.7980, 19.3266, -85.7688 by changing the saturation by 10% instead.

■ 115.7980, 19.3266,
-85.7688

■ 115.7980, 19.3266,
-85.7688

■ 255.0000, 0.0000,
0.0000

■ 92.1900, 18.1473,
-80.8506

■ 177.5610, 15.4994,
-71.5290

■ 74.0780, 14.7515,
-64.9664

■ 206.8600, 15.3520,
-70.9142

■ 56.6670, 11.5032,
-49.6970

■ 225.3990, 14.5933,
-60.8629

■ 39.9570, 8.4022,
-35.0423

■ 234.3690, 10.1711,
-42.4196

■ 25.8230, 5.0173,
-22.6468

■ 243.3390, 5.7489,
-23.9763

■ 2.2970, 6.2626,
-2.0145

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 115.7980, 19.3266,
-85.7688

■ 115.7980, 19.3266,
-85.7688

■ 111.0140, 21.6851,
-95.6053

■ 120.5820, 16.9681,
-75.9324

■ 110.4160, 21.9799,
-96.8348

■ 125.4800, 15.0464,
-66.1960

■ 129.9650, 12.8353,
-56.9743

■ 134.7490, 10.4767,
-47.1379

■ 139.6470, 8.5550,
-37.4014

■ 144.4310, 6.1965,
-27.5650

■ 149.2150, 3.8380,
-17.7286

■ 153.8140, 2.0637,
-8.6069

■ 158.5980, -0.2948,
1.2296

Harmonies

Analogous

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



128.4210, -2.1796, -47.7272



115.7980, 19.3266, -85.7688



112.4340, 34.7890, -98.6046

Triad

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



115.7980, 19.3266, -85.7688



145.6640, 19.8856, 15.2037



140.7440, -28.4678, 30.9195

Complementary

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



115.7980, 19.3266, -85.7688



60.2020, -19.3266, 85.7688

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.



142.6070, -20.5123, 45.9487



115.7980, 19.3266, -85.7688



145.4900, 7.1534, 39.0353

Square

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



115.7980, 19.3266, -85.7688



140.9740, 29.5928, -18.3942



144.0710, -7.4300, 49.9267



138.0140, -28.1079, 8.7577

Rectangle

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



115.7980, 19.3266, -85.7688



124.1260, 35.4339, -72.0245



144.0710, -7.4300, 49.9267



141.9450, -26.5949, 36.8822

Sweetspot

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



115.7980, 19.3266, -85.7688



190.0280, 7.3812, -34.2276



101.6750, -41.2518, -68.9980



94.7200, 4.5750, -20.8024



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



115.7980, 19.3266, -85.7688



144.5370, 28.3293, -126.7589



77.9850, 39.4474, -52.6068



76.6080, 1.1793, -4.9182



99.9010, 19.7688, -87.6132



10.5150, 2.2111, -9.2217

Inverse Universe

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



60.2020, -19.3266, 85.7688



62.3490, -28.7661, 126.8589



98.0150, -39.4474, 52.6068



73.3920, -1.1793, 4.9182



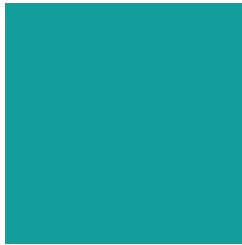
43.0990, -19.7688, 87.6132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 115.7980, 19.3266, -85.7688 looks on a white background.

Color Contrast Check

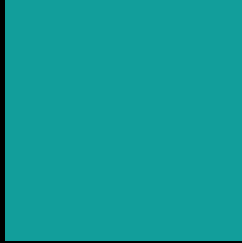
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7980, 19.3266, -85.7688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

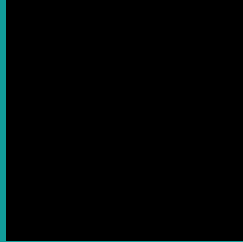
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.7980, 19.3266, -85.7688

Background



This preview shows how black text looks on a background with the YUV color 115.7980, 19.3266, -85.7688.

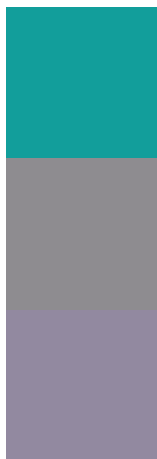


This preview shows how white text looks on a background with the YUV color 115.7980, 19.3266, -85.7688.

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

115.7980, 19.3266, -85.7688

Protanopia

141.0540, 1.4524, 0.8296

Deuteranopia

142.3130, 8.7197, 3.2335



Tritanopia

121.3030, 23.5146, -75.6877

Trichromacy



Original Color

115.7980, 19.3266, -85.7688

Protanomaly

132.1640, 7.8071, -30.8388

Deuteranomaly

132.7280, 12.4591, -29.5795

Tritanomaly

119.5260, 21.9257, -79.3913

Monochromacy



Original Color

115.7980, 19.3266, -85.7688

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.6370, 7.0810, -31.2536

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7980, 19.3266, -85.7688 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(18, 158, 155)` looks like.

```
.text, #text, p{  
    color:rgb(18, 158, 155)  
}
```

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(18, 158, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 158, 155) }
```

Border

The CSS property to change the border of an element to YUV 115.7980, 19.3266, -85.7688 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(18, 158, 155) }
```


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

```
.border{ border-color:rgb(18, 158, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 158, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 158, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 158, 155);  
box-shadow:4px 4px 4px 4px rgb(18, 158,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 115.7980, 19.3266, -85.7688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 158, 155) }
```

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

```
.background{ background-color: rgb(18, 158,  
155) }
```

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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