

Converting Colors

YUV(109.3800, -0.1873,
-80.1403)

Have a look what the booklet for
YUV(109.3800, -0.1873, -80.1403)
contains.

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Color

**YUV(109.3800, -0.1873,
-80.1403)**

Conversions

Conversions Part 1

Format	Color
Hex	129C6D
RGB	18, 156, 109
RGB Percent	7%, 61%, 43%
CMY	0.9294, 0.3882, 0.5725
CMYK	0.88, 0.00, 0.30, 0.39
HSL	160°, 79%, 34%
HSV	160°, 88%, 61%
XYZ	14.8982, 25.0097, 18.5101
YIQ	109.3800, -67.1610, -43.8730

Conversions

Conversions Part 2

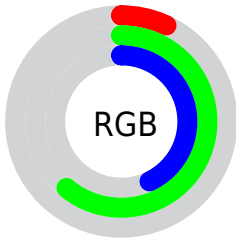
Format	Color
RYB	18, 101, 156
Decimal	1219693
CIELab	57.08, -45.43, 15.22
CIELCh	57, 47.912, 161.484
Yxy	25.0097, 0.2550, 0.4281
Android (android.graphics.Color)	4279409773 (0xFF129C6D)
YUV	109.3800, -0.1873, -80.1403
Hunter-Lab	50.0097, -34.3405, 13.0617

Details

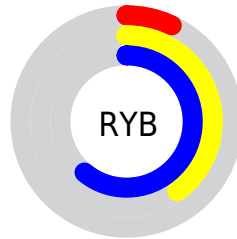
The YUV color **109.3800, -0.1873, -80.1403** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **64.6200, 0.1873, 80.1403**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7190, -4.2985, -68.1596**, and **67.4150, -3.1626, -59.1230** is the 20% darker color. If you saturate the color by 10%, you get **104.0260, -0.0128, -89.4768**, and if you desaturate by 10%, it is **114.7340, -0.3619, -70.8037**.

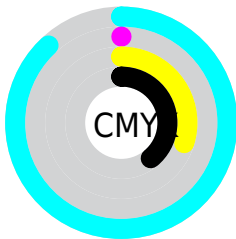
Distribution



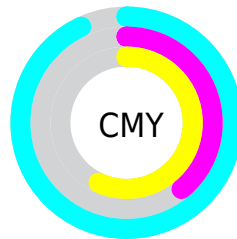
- Red (7%)
- Green (61%)
- Blue (43%)



- Red (7%)
- Yellow (40%)
- Blue (61%)



- Cyan (88%)
- Magenta (0%)
- Yellow (30%)
- Black (39%)



- Cyan (93%)
- Magenta (39%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.3800, -0.1873, -80.1403 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 109.3800, -0.1873, -80.1403 by changing the saturation by 10% instead.

■ 109.3800, -0.1873,
-80.1403

■ 109.3800, -0.1873,
-80.1403

■ 255.0000, 0.0000,
0.0000

■ 85.4130, -0.2036,
-74.9072

■ 169.7190, -4.2985,
-68.1596

■ 67.4150, -3.1626,
-59.1230

■ 198.7900, -5.3195,
-67.3448

■ 50.2320, -5.5374,
-44.0535

■ 219.4580, -1.7048,
-60.0377

■ 33.7500, -7.7648,
-29.5987

■ 231.3210, 6.2507,
-45.0085

■ 18.7840, -9.2605,
-16.4736

■ 241.5450, 6.6333,
-27.6650

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,

-9.2217

■ 109.3800, -0.1873,
-80.1403

■ 109.3800, -0.1873,
-80.1403

■ 104.0260, -0.0128,
-89.4768

■ 114.7340, -0.3619,
-70.8037

■ 103.3140, -0.1548,
-90.6064

■ 119.9030, 0.0478,
-62.1819

■ 125.2570, -0.1267,
-52.8454

■ 130.3120, -0.1538,
-44.1236

■ 135.7800, 0.1085,
-34.8871

■ 141.1340, -0.0661,
-25.5505

■ 146.1890, -0.0932,
-16.8288

■ 151.6570, 0.1691,
-7.5922

■ 156.7120, 0.1420,
1.1296

Harmonies

Analogous

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



125.7450, -26.9893, -23.4554



109.3800, -0.1873, -80.1403



110.0740, 20.6695, -96.5349

Triad

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



109.3800, -0.1873, -80.1403



132.3060, 42.7401, -35.3484



136.0390, -25.6552, 62.2328

Complementary

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



109.3800, -0.1873, -80.1403



64.6200, 0.1873, 80.1403

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.



137.0070, -6.9055, 68.3999



109.3800, -0.1873, -80.1403



140.7920, 29.1895, 17.7224

Square

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



109.3800, -0.1873, -80.1403



112.0870, 51.2291, -98.3003



140.2450, 12.2042, 52.4051



134.1770, -38.5413, 41.9408

Rectangle

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



109.3800, -0.1873, -80.1403



112.5650, 32.7525, -98.7195



140.2450, 12.2042, 52.4051



136.5540, -19.9931, 66.1661

Sweetspot

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



109.3800, -0.1873, -80.1403



185.3890, -0.1918, -31.9132



113.3580, -47.0115, -41.5330



90.8790, 0.0597, -19.1879



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



109.3800, -0.1873, -80.1403



135.1380, -0.0680, -118.5160



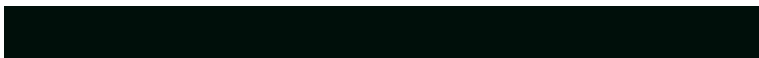
102.4110, 26.4194, -74.0284



76.2660, -0.1311, -4.6183



94.6570, -0.3239, -83.0142



9.9450, 0.0271, -8.7218

Inverse Universe

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



64.6200, 0.1873, 80.1403



68.8620, 0.0680, 118.5160



71.5890, -26.4194, 74.0284



73.7340, 0.1311, 4.6183



48.3430, 0.3239, 83.0142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 109.3800, -0.1873, -80.1403 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 109.3800, -0.1873, -80.1403 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 109.3800, -0.1873, -80.1403

Background



This preview shows how black text looks on a background with the YUV color 109.3800, -0.1873, -80.1403.



This preview shows how white text looks on a background with the YUV color 109.3800, -0.1873, -80.1403.

-80.1403.

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

109.3800, -0.1873, -80.1403

Protanopia

134.8860, -17.1988, 9.7470

Deuteranopia

136.9500, -10.8213, 17.5839



Tritanopia

122.2620, 19.0978, -58.9888

Trichromacy



Original Color

109.3800, -0.1873, -80.1403

Protanomaly

125.2840, -10.9860, -23.0511

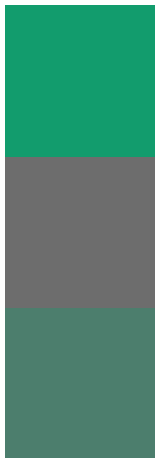
Deuteranomaly

126.7560, -6.7817, -18.2030

Tritanomaly

117.9700, 11.8468, -66.6257

Monochromacy



Original Color

109.3800, -0.1873, -80.1403

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1120, -0.0552, -29.0392

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.3800, -0.1873, -80.1403 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, 156, 109)` looks like.

```
.text, #text, p{  
    color:rgb(18, 156, 109)  
}
```

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, 156, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 156, 109) }
```

Border

The CSS property to change the border of an element to YUV 109.3800, -0.1873, -80.1403 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, 156, 109) }
```


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

```
.border{ border-color:rgb(18, 156, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 156, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 156, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 156, 109);  
box-shadow:4px 4px 4px 4px rgb(18, 156,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 109.3800, -0.1873, -80.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 156, 109) }
```

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

```
.background{ background-color: rgb(18, 156,  
109) }
```

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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