

Converting Colors

YUV(109.0380, 15.2643,
-89.4873)

Have a look what the booklet for
YUV(109.0380, 15.2643, -89.4873)
contains.

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Color

**YUV(109.0380, 15.2643,
-89.4873)**

Conversions

Conversions Part 1

Format	Color
Hex	079B8C
RGB	7, 155, 140
RGB Percent	3%, 61%, 55%
CMY	0.9725, 0.3922, 0.4510
CMYK	0.95, 0.00, 0.10, 0.39
HSL	174°, 91%, 32%
HSV	174°, 95%, 61%
XYZ	16.5426, 25.3813, 28.8381
YIQ	109.0380, -83.3930, -36.0410

Conversions

Conversions Part 2

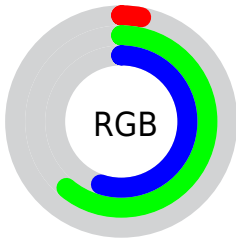
Format	Color
RYB	7, 85, 155
Decimal	498572
CIELab	57.45, -37.41, -1.81
CIELCh	57, 37.454, 182.770
Yxy	25.3813, 0.2338, 0.3587
Android (android.graphics.Color)	4278688652 (0xFF079B8C)
YUV	109.0380, 15.2643, -89.4873
Hunter-Lab	50.3799, -29.5530, 1.3275

Details

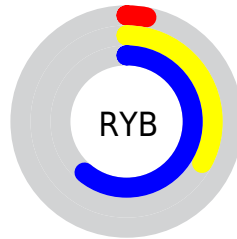
The YUV color **109.0380, 15.2643, -89.4873** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **52.9620, -15.2643, 89.4873**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4810, 10.1159, -71.4588**, and **70.7210, 9.5045, -62.0223** is the 20% darker color. If you saturate the color by 10%, you get **106.8310, 15.8593, -93.6908**, and if you desaturate by 10%, it is **113.7510, 13.9268, -80.4656**.

Distribution



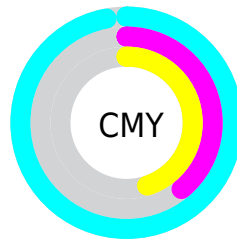
- Red (3%)
- Green (61%)
- Blue (55%)



- Red (3%)
- Yellow (33%)
- Blue (61%)



- Cyan (95%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (97%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0380, 15.2643, -89.4873 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 109.0380, 15.2643, -89.4873 by changing the saturation by 10% instead.

■ 109.0380, 15.2643,
-89.4873

■ 109.0380, 15.2643,
-89.4873

■ 255.0000, 0.0000,
0.0000

■ 88.8330, 12.9003,
-77.9065

■ 172.4810, 10.1159,
-71.4588

■ 70.7210, 9.5045,
-62.0223

■ 201.6660, 9.5317,
-70.7441

■ 53.4240, 6.6930,
-46.8528

■ 223.3340, 13.1463,
-63.4369

■ 36.8280, 4.0288,
-32.2982

■ 232.5750, 11.0555,
-46.1083

■ 22.6940, 0.6439,
-19.9026

■ 241.5450, 6.6333,
-27.6650

■ 0.0000, 0.0000,
0.0000

■ 250.5150, 2.2111,

-9.2217

■ 109.0380, 15.2643,
-89.4873

■ 109.0380, 15.2643,
-89.4873

■ 106.8310, 15.8593,
-93.6908

■ 113.7510, 13.9268,
-80.4656

■ 118.6490, 12.0050,
-70.7292

■ 123.6610, 10.5201,
-61.0927

■ 128.2600, 8.7458,
-51.9710

■ 133.2720, 7.2609,
-42.3345

■ 137.8710, 5.4866,
-33.2129

■ 142.5840, 4.1491,
-24.1912

■ 147.5960, 2.6642,
-14.5547

■ 152.4940, 0.7425,
-4.8182

Harmonies

Analogous

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



125.3420, -9.0426, -39.7649



109.0380, 15.2643, -89.4873



110.0060, 30.5630, -96.4753

Triad

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



109.0380, 15.2643, -89.4873



140.4930, 25.8860, 3.9526



137.5000, -28.3475, 39.0265

Complementary

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



109.0380, 15.2643, -89.4873



52.9620, -15.2643, 89.4873

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.



138.5630, -17.0396, 52.1262



109.0380, 15.2643, -89.4873



141.9500, 12.8427, 34.2469

Square

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



109.0380, 15.2643, -89.4873



132.5310, 34.7412, -36.4227



140.1620, -2.0519, 51.6009



134.8580, -31.4820, 17.6645

Rectangle

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



109.0380, 15.2643, -89.4873



110.1830, 38.8568, -96.6305



140.1620, -2.0519, 51.6009



138.0430, -25.1642, 44.6893

Sweetspot

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



109.0380, 15.2643, -89.4873



183.0880, 6.3656, -35.1572



98.9590, -45.3358, -65.7390



90.7800, 3.5595, -21.7321



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.



109.0380, 15.2643, -89.4873



138.6210, 20.8928, -121.5706



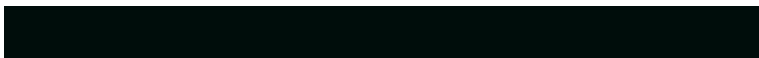
77.2890, 38.3115, -61.6435



74.4940, 0.7425, -4.8182



96.5440, 14.5218, -84.6691



8.8850, 1.0427, -7.7921

Inverse Universe

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



52.9620, -15.2643, 89.4873



62.3790, -20.8928, 121.5706



84.7110, -38.3115, 61.6435



71.5060, -0.7425, 4.8182



43.4560, -14.5218, 84.6691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 109.0380, 15.2643, -89.4873 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 109.0380, 15.2643, -89.4873 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 109.0380, 15.2643, -89.4873 Background



This preview shows how black text looks on a background with the YUV color 109.0380, 15.2643, -89.4873.



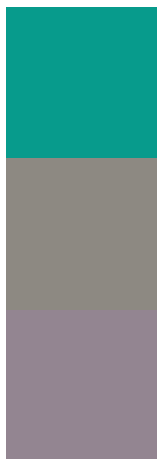
This preview shows how white text looks on a background with the YUV color 109.0380, 15.2643, -89.4873.

-89.4873.

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

109.0380, 15.2643, -89.4873

Protanopia

137.3980, -3.6472, 3.1590

Deuteranopia

138.5540, 3.1779, 7.4071



Tritanopia

119.5810, 21.8986, -70.6695

Trichromacy



Original Color

109.0380, 15.2643, -89.4873

Protanomaly

127.3120, 3.2972, -30.9686

Deuteranomaly

127.7730, 7.5069, -27.8649

Tritanomaly

115.5540, 19.4469, -77.6619

Monochromacy



Original Color

109.0380, 15.2643, -89.4873

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1700, 5.3392, -32.5981

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0380, 15.2643, -89.4873 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(7, 155, 140)` looks like.

```
.text, #text, p{  
    color:rgb(7, 155, 140)  
}
```

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(7, 155, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 155, 140) }
```

Border

The CSS property to change the border of an element to YUV 109.0380, 15.2643, -89.4873 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(7, 155, 140) }
```


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

```
.border{ border-color:rgb(7, 155, 140) }
```

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

Here you see how a box with a 4 pixel rgb(7, 155, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 155, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 155, 140);  
box-shadow:4px 4px 4px 4px rgb(7, 155,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 109.0380, 15.2643, -89.4873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 155, 140) }
```

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

```
.background{ background-color: rgb(7, 155,  
140) }
```

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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