

Converting Colors

YUV(98.6180, 2.1603, -86.4880)

Have a look what the booklet for
YUV(98.6180, 2.1603, -86.4880)
contains.

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Color

**YUV(98.6180, 2.1603,
-86.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	009467
RGB	0, 148, 103
RGB Percent	0%, 58%, 40%
CMY	1.0000, 0.4196, 0.5961
CMYK	1.00, 0.00, 0.30, 0.42
HSL	162°, 100%, 29%
HSV	162°, 100%, 58%
XYZ	13.0381, 22.1591, 16.4219
YIQ	98.6180, -73.7630, -45.3710

Conversions

Conversions Part 2

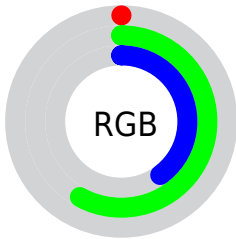
Format	Color
RYB	0, 87, 148
Decimal	37991
CIELab	54.20, -44.70, 14.57
CIELCh	54, 47.013, 161.950
Yxy	22.1591, 0.2526, 0.4293
Android (android.graphics.Color)	4278228071 (0xFF009467)
YUV	98.6180, 2.1603, -86.4880
Hunter-Lab	47.0734, -32.9388, 12.2676

Details

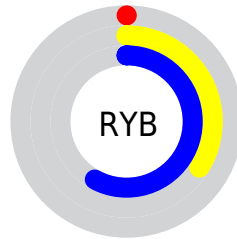
The YUV color **98.6180, 2.1603, -86.4880** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **49.3820, -2.1603, 86.4880**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1320, -4.0091, -67.6448**, and **62.7360, -3.3208, -55.0195** is the 20% darker color. If you saturate the color by 10%, you get **98.6180, 2.1603, -86.4880**, and if you desaturate by 10%, it is **103.6730, 2.1332, -77.7662**.

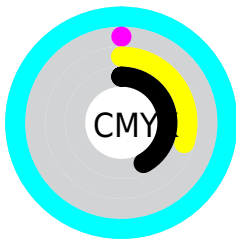
Distribution



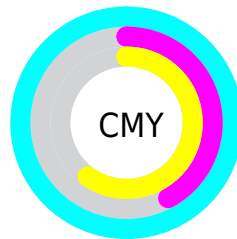
- Red (0%)
- Green (58%)
- Blue (40%)



- Red (0%)
- Yellow (34%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (42%)





- Cyan (100%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.6180, 2.1603, -86.4880 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 98.6180, 2.1603, -86.4880 by changing the saturation by 10% instead.


 98.6180, 2.1603,
-86.4880


 98.6180, 2.1603,
-86.4880


255.0000, 0.0000,
0.0000

 80.6200, -0.7987,
-70.7037


 162.1320, -4.0091,
-67.6448


 62.7360, -3.3208,
-55.0195


 191.2030, -5.0301,
-66.8300


 45.5530, -5.6956,
-39.9500

 216.5670, -3.7305,
-63.6413

 29.6580, -8.2124,
-26.0101

 228.4300, 4.2250,
-48.6121

 13.5010, -6.6560,
-11.8404

 239.1530, 7.8126,
-32.5832

 0.0000, 0.0000,
0.0000

 248.1230, 3.3904,

-14.1399

■ 98.6180, 2.1603,
-86.4880

■ 103.6730, 2.1332,
-77.7662

■ 108.6140, 1.6693,
-68.9445

■ 113.3700, 1.7896,
-60.8375

■ 118.3110, 1.3257,
-52.0157

■ 123.3660, 1.2986,
-43.2940

■ 128.3070, 0.8346,
-34.4722

■ 133.3620, 0.8075,
-25.7505

■ 138.0040, 0.4910,
-17.5435

■ 143.0590, 0.4639,
-8.8217

Harmonies

Analogous

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



118.3860, -25.8263, -23.1405



98.6180, 2.1603, -86.4880



104.5800, 19.9271, -91.7167

Triad

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



98.6180, 2.1603, -86.4880



124.6760, 41.5717, -33.9189



128.1420, -25.2130, 60.3885

Complementary

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



98.6180, 2.1603, -86.4880



49.3820, -2.1603, 86.4880

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.



129.5830, -7.1894, 66.1407



98.6180, 2.1603, -86.4880



133.1510, 28.0266, 17.4076

Square

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



98.6180, 2.1603, -86.4880



106.2510, 49.1763, -93.1821



132.4190, 11.6254, 51.3755



126.9810, -37.9516, 39.4817

Rectangle

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



98.6180, 2.1603, -86.4880



106.9570, 31.5732, -93.8013



132.4190, 11.6254, 51.3755



128.6570, -19.5509, 64.3218

Sweetspot

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



98.6180, 2.1603, -86.4880



172.0190, 0.9766, -33.3427



100.9290, -49.7580, -47.2957



85.2810, 0.3545, -20.4174



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



98.6180, 2.1603, -86.4880



127.2790, 2.8205, -111.6237



87.8990, 29.6298, -77.0874



71.6790, 0.1583, -4.1035



91.9500, 1.9966, -80.6402



6.6680, 0.1637, -5.8478

Inverse Universe

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



49.3820, -2.1603, 86.4880



63.7210, -2.8205, 111.6237



60.1010, -29.6298, 77.0874



69.3210, -0.1583, 4.1035



46.0500, -1.9966, 80.6402



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 98.6180, 2.1603, -86.4880 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 98.6180, 2.1603, -86.4880 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 98.6180, 2.1603, -86.4880

Background



This preview shows how black text looks on a background with the YUV color 98.6180, 2.1603, -86.4880.



This preview shows how white text looks on a background with the YUV color 98.6180, 2.1603, -86.4880.

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



Protanopia

127.7010, -16.6146, 9.0322

Deuteranopia

129.6510, -10.6739, 16.9691

Tritanopia

115.7460, 18.3662, -57.6592

Trichromacy



Protanomaly

117.2020, -9.9596, -25.6102

Deuteranomaly

118.5600, -6.1921, -20.6621

Tritanomaly

109.4860, 12.5784, -67.9552

Monochromacy



Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9160, 0.5344, -31.4983

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6180, 2.1603, -86.4880 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(0, 148, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 103)  
}
```

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(0, 148, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 103) }
```

Border

The CSS property to change the border of an element to YUV 98.6180, 2.1603, -86.4880 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(0, 148, 103) }
```

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

```
.border{ border-color:rgb(0, 148, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
103) }
```


Background

The CSS property to change the background color of an element to YUV 98.6180, 2.1603, -86.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 103) }
```

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

```
.background{ background-color: rgb(0, 148,  
103) }
```

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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