

Converting Colors

YUV(106.8990, 5.9658,
-93.7504)

Have a look what the booklet for
YUV(106.8990, 5.9658, -93.7504)
contains.

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Color

**YUV(106.8990, 5.9658,
-93.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	009F77
RGB	0, 159, 119
RGB Percent	0%, 62%, 47%
CMY	1.0000, 0.3765, 0.5333
CMYK	1.00, 0.00, 0.25, 0.38
HSL	165°, 100%, 31%
HSV	165°, 100%, 62%
XYZ	15.7279, 26.1282, 21.6671
YIQ	106.8990, -81.9240, -46.1480

Conversions

Conversions Part 2

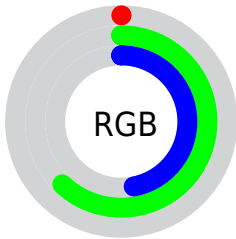
Format	Color
RYB	0, 91, 159
Decimal	40823
CIELab	58.16, -45.15, 11.10
CIELCh	58, 46.489, 166.192
Yxy	26.1282, 0.2476, 0.4113
Android (android.graphics.Color)	4278230903 (0xFF009F77)
YUV	106.8990, 5.9658, -93.7504
Hunter-Lab	51.1157, -34.5295, 10.6490

Details

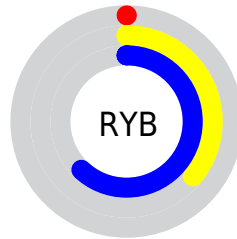
The YUV color **106.8990, 5.9658, -93.7504** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **52.1010, -5.9658, 93.7504**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.3100, -0.6458, -73.0629**, and **70.3160, 0.3372, -61.6671** is the 20% darker color. If you saturate the color by 10%, you get **106.8990, 5.9658, -93.7504**, and if you desaturate by 10%, it is **112.1390, 5.3545, -84.3139**.

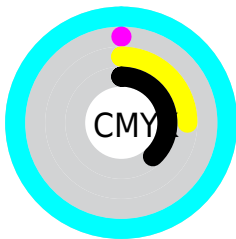
Distribution



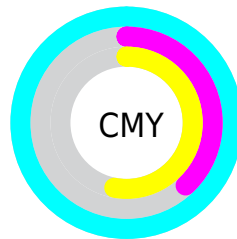
- Red (0%)
- Green (62%)
- Blue (47%)



- Red (0%)
- Yellow (36%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8990, 5.9658, -93.7504 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 106.8990, 5.9658, -93.7504 by changing the saturation by 10% instead.


 106.8990, 5.9658,
-93.7504

 106.8990, 5.9658,
-93.7504


255.0000, 0.0000,
0.0000


 88.2000, 2.8594,
-77.3514


 172.3100, -0.6458,
-73.0629

 70.3160, 0.3372,
-61.6671


 200.9080, -0.9406,
-71.8333

 53.0190, -2.4744,
-46.4977

 220.1140, 3.3948,
-62.3670

 36.5370, -4.7017,
-32.0429

 231.9770, 11.3503,
-47.3378

 20.6590, -9.6919,
-18.1179

 240.9470, 6.9281,
-28.8945

 0.0000, 0.0000,
0.0000

 249.9170, 2.5059,

-10.4512

■ 106.8990, 5.9658,
-93.7504

■ 112.1390, 5.3545,
-84.3139

■ 117.3790, 4.7432,
-74.8774

■ 122.6190, 4.1318,
-65.4409

■ 127.8590, 3.5205,
-56.0043

■ 133.0990, 2.9092,
-46.5678

■ 138.0400, 2.4453,
-37.7461

■ 143.2800, 1.8340,
-28.3096

■ 148.5200, 1.2226,
-18.8730

■ 153.7600, 0.6113,
-9.4365

Harmonies

Analogous

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



128.3360, -23.3366, -28.3587



106.8990, 5.9658, -93.7504



112.2740, 24.0219, -98.4643

Triad

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



106.8990, 5.9658, -93.7504



137.5740, 39.6500, -24.1824



139.1480, -27.6810, 58.6292

Complementary

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



106.8990, 5.9658, -93.7504



52.1010, -5.9658, 93.7504

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.



139.7850, -10.2470, 66.8406



106.8990, 5.9658, -93.7504



143.9130, 25.6789, 23.7553

Square

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



106.8990, 5.9658, -93.7504



112.9020, 51.8133, -99.0151



142.3440, 8.7044, 54.9493



137.1440, -38.5250, 36.7077

Rectangle

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



106.8990, 5.9658, -93.7504



114.6510, 35.6681, -100.5489



142.3440, 8.7044, 54.9493



138.9620, -22.1663, 63.1773

Sweetspot

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



106.8990, 5.9658, -93.7504



186.6380, 2.1505, -36.5165



105.8910, -52.2043, -56.0324



92.4980, 1.2335, -22.3617



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.



106.8990, 5.9658, -93.7504



139.1790, 7.7998, -122.0600



89.7400, 34.1452, -78.7020



76.3800, 0.3057, -4.7183



96.1390, 5.3545, -84.3139



10.0590, 0.4639, -8.8217

Inverse Universe

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



52.1010, -5.9658, 93.7504



67.8210, -7.7998, 122.0600



69.2600, -34.1452, 78.7020



73.6200, -0.3057, 4.7183



46.8610, -5.3545, 84.3139



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 106.8990, 5.9658, -93.7504 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 106.8990, 5.9658, -93.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

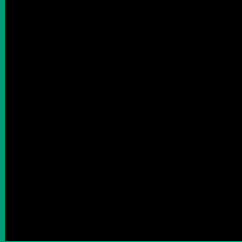
Any Text WCAG AA ✓ Pass

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 106.8990, 5.9658, -93.7504 Background



This preview shows how black text looks on a background with the YUV color 106.8990, 5.9658, -93.7504.



This preview shows how white text looks on a background with the YUV color 106.8990, 5.9658,

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

106.8990, 5.9658, -93.7504

Protanopia

138.2710, -14.4306, 8.5323

Deuteranopia

140.1500, -7.4690, 15.6544



Tritanopia

123.8700, 20.2771, -63.9070

Trichromacy



Original Color

106.8990, 5.9658, -93.7504



Protanomaly

126.6900, -6.7492, -28.6691



Deuteranomaly

128.1620, -2.5449, -23.8211



Tritanomaly

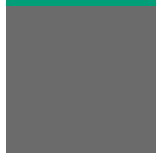
117.4250, 15.0735, -74.9177

Monochromacy



Original Color

106.8990, 5.9658, -93.7504



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.9480, 1.9976, -34.1574

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8990, 5.9658, -93.7504 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, 159, 119)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 119)  
}
```

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, 159, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 119) }
```

Border

The CSS property to change the border of an element to YUV 106.8990, 5.9658, -93.7504 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, 159, 119) }
```


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

```
.border{ border-color:rgb(0, 159, 119) }
```

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

Here you see how a box with a 4 pixel rgb(0, 159, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 119);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 106.8990, 5.9658, -93.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 119) }
```

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

```
.background{ background-color: rgb(0, 159,  
119) }
```

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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