

Converting Colors

YUV(106.5570, 4.6554,
-93.4505)

Have a look what the booklet for
YUV(106.5570, 4.6554, -93.4505)
contains.

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Color

**YUV(106.5570, 4.6554,
-93.4505)**

Conversions

Conversions Part 1

Format	Color
Hex	009F74
RGB	0, 159, 116
RGB Percent	0%, 62%, 45%
CMY	1.0000, 0.3765, 0.5451
CMYK	1.00, 0.00, 0.27, 0.38
HSL	164°, 100%, 31%
HSV	164°, 100%, 62%
XYZ	15.5505, 26.0572, 20.7329
YIQ	106.5570, -80.9610, -47.0810

Conversions

Conversions Part 2

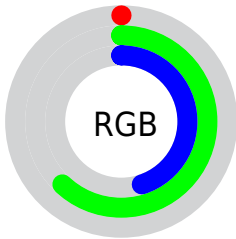
Format	Color
RYB	0, 92, 159
Decimal	40820
CIELab	58.09, -45.89, 12.68
CIELCh	58, 47.612, 164.552
Yxy	26.0572, 0.2494, 0.4180
Android (android.graphics.Color)	4278230900 (0xFF009F74)
YUV	106.5570, 4.6554, -93.4505
Hunter-Lab	51.0463, -34.9535, 11.6512

Details

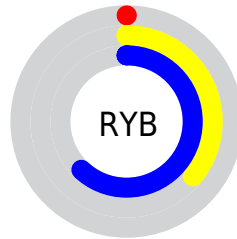
The YUV color **106.5570, 4.6554, -93.4505** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **52.4430, -4.6554, 93.4505**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9680, -1.9562, -72.7629**, and **69.9740, -0.9732, -61.3672** is the 20% darker color. If you saturate the color by 10%, you get **106.5570, 4.6554, -93.4505**, and if you desaturate by 10%, it is **111.7970, 4.0441, -84.0140**.

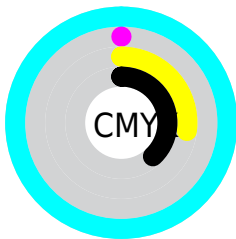
Distribution



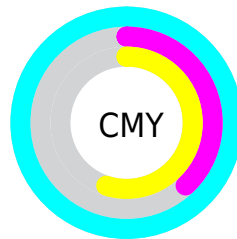
- Red (0%)
- Green (62%)
- Blue (45%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.5570, 4.6554, -93.4505 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 106.5570, 4.6554, -93.4505 by changing the saturation by 10% instead.

■ 106.5570, 4.6554,
-93.4505

■ 106.5570, 4.6554,
-93.4505

■ 255.0000, 0.0000,
0.0000

■ 87.8580, 1.5490,
-77.0515

■ 171.9680, -1.9562,
-72.7629

■ 69.9740, -0.9732,
-61.3672

■ 200.4520, -2.6878,
-71.4334

■ 52.6770, -3.7848,
-46.1977

■ 219.6580, 1.6476,
-61.9671

■ 36.1950, -6.0121,
-31.7430

■ 231.6350, 10.0399,
-47.0379

■ 20.5450, -10.1287,
-18.0180

■ 240.9470, 6.9281,
-28.8945

■ 0.0000, 0.0000,
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 106.5570, 4.6554,
-93.4505

■ 111.7970, 4.0441,
-84.0140

■ 117.1510, 3.8696,
-74.6774

■ 122.3910, 3.2582,
-65.2409

■ 127.6310, 2.6469,
-55.8044

■ 132.9850, 2.4724,
-46.4678

■ 137.9260, 2.0085,
-37.6461

■ 143.1660, 1.3972,
-28.2096

■ 148.4060, 0.7858,
-18.7731

■ 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.



128.2930, -24.7944, -27.4440



106.5570, 4.6554, -93.4505



112.0460, 23.1483, -98.2643

Triad

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



106.5570, 4.6554, -93.4505



136.5950, 41.1187, -28.5858



138.5720, -27.3970, 60.8884

Complementary

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



106.5570, 4.6554, -93.4505



52.4430, -4.6554, 93.4505

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.



139.7250, -9.2314, 67.7702



106.5570, 4.6554, -93.4505



143.6570, 27.2841, 22.2258

Square

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



106.5570, 4.6554, -93.4505



113.1300, 52.6869, -99.2150



142.0990, 10.3042, 55.1642



136.9270, -39.4040, 38.6520

Rectangle

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



106.5570, 4.6554, -93.4505



114.5370, 35.2313, -100.4489



142.0990, 10.3042, 55.1642



139.0870, -21.7349, 64.8217

Sweetspot

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



106.5570, 4.6554, -93.4505



186.5240, 1.7137, -36.4165



106.7880, -52.6465, -54.1881



92.3840, 0.7967, -22.2618



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.



106.5570, 4.6554, -93.4505



138.7230, 6.0526, -121.6601



91.5010, 33.2770, -80.2464



76.3800, 0.3057, -4.7183



95.7970, 4.0441, -84.0140



10.0590, 0.4639, -8.8217

Inverse Universe

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



52.4430, -4.6554, 93.4505



68.2770, -6.0526, 121.6601



67.4990, -33.2770, 80.2464



73.6200, -0.3057, 4.7183



47.2030, -4.0441, 84.0140



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 106.5570, 4.6554, -93.4505 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 106.5570, 4.6554, -93.4505 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 106.5570, 4.6554, -93.4505

Background



This preview shows how black text looks on a background with the YUV color 106.5570, 4.6554, -93.4505.



This preview shows how white text looks on a background with the YUV color 106.5570, 4.6554,

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

137.9290, -15.7410, 8.8323

Deuteranopia

139.8080, -8.7793, 15.9544

Tritanopia

124.1690, 20.1297, -63.2922

Trichromacy



Protanomaly

126.3480, -8.0596, -28.3692

Deuteranomaly

127.8200, -3.8553, -23.5211

Tritanomaly

117.6100, 14.4893, -74.2030

Monochromacy



Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8340, 1.5608, -34.0574

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.5570, 4.6554, -93.4505 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 116) }
```

Border

The CSS property to change the border of an element to YUV 106.5570, 4.6554, -93.4505 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, 116) }
```

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

```
.border{ border-color:rgb(0, 159, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
116) }
```


Background

The CSS property to change the background color of an element to YUV 106.5570, 4.6554, -93.4505 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, 116) }
```

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

```
.background{ background-color: rgb(0, 159,  
116) }
```

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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