

Converting Colors

YUV(86.8510, 8.9475, -70.0293)

Have a look what the booklet for
YUV(86.8510, 8.9475, -70.0293)
contains.

YUV(86.8510, 8.9475, -70.0293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.8510, 8.9475,
-70.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	077C69
RGB	7, 124, 105
RGB Percent	3%, 49%, 41%
CMY	0.9725, 0.5137, 0.5882
CMYK	0.94, 0.00, 0.15, 0.51
HSL	170°, 89%, 26%
HSV	170°, 94%, 49%
XYZ	9.8451, 15.4804, 15.8337
YIQ	86.8510, -63.6330, -30.7130

Conversions

Conversions Part 2

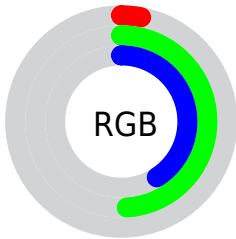
Format	Color
RYB	7, 71, 124
Decimal	490601
CIELab	46.29, -33.65, 2.22
CIElCh	46, 33.726, 176.234
Yxy	15.4804, 0.2392, 0.3761
Android (android.graphics.Color)	4278680681 (0xFF077C69)
YUV	86.8510, 8.9475, -70.0293
Hunter-Lab	39.3451, -24.1891, 3.6814

Details

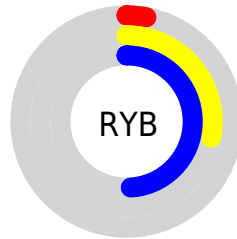
The YUV color **86.8510, 8.9475, -70.0293** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **44.1490, -8.9475, 70.0293**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9020, 4.9783, -56.9191**, and **50.0500, 3.9194, -43.8939** is the 20% darker color. If you saturate the color by 10%, you get **84.6440, 9.5425, -74.2328**, and if you desaturate by 10%, it is **90.6670, 8.0522, -62.8520**.

Distribution



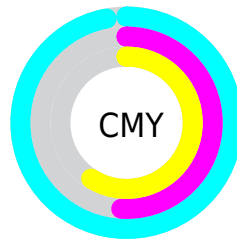
- Red (3%)
- Green (49%)
- Blue (41%)



- Red (3%)
- Yellow (28%)
- Blue (49%)



- Cyan (94%)
- Magenta (0%)
- Yellow (15%)
- Black (51%)



- Cyan (97%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8510, 8.9475, -70.0293 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 86.8510, 8.9475, -70.0293 by changing the saturation by 10% instead.

86.8510, 8.9475,
-70.0293

86.8510, 8.9475,
-70.0293

255.0000, 0.0000,
0.0000

67.3470, 6.7309,
-59.0633

145.9020, 4.9783,
-56.9191

50.0500, 3.9194,
-43.8939

173.7880, 4.5415,
-56.8191

34.0410, 0.9658,
-29.8540

201.7880, 4.5415,
-56.8191

19.3200, -2.1298,
-16.9436

226.5650, 6.1305,
-53.1155

0.0000, 0.0000,
0.0000

237.0600, 8.8444,
-36.8866

245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 86.8510, 8.9475,
-70.0293

■ 86.8510, 8.9475,
-70.0293

■ 84.6440, 9.5425,
-74.2328

■ 90.6670, 8.0522,
-62.8520

■ 94.7820, 7.0095,
-55.0598

■ 98.5980, 6.1142,
-47.8824

■ 102.7130, 5.0715,
-40.0903

■ 106.5290, 4.1762,
-32.9129

■ 110.3450, 3.2809,
-25.7356

■ 114.4600, 2.2382,
-17.9434

■ 118.2760, 1.3429,
-10.7661

■ 122.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



100.1370, -11.4065, -28.1841



86.8510, 8.9475, -70.0293



88.0640, 22.6464, -77.2321

Triad

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



86.8510, 8.9475, -70.0293



111.2810, 24.0185, -3.7544



109.5690, -22.9585, 37.2120

Complementary

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



86.8510, 8.9475, -70.0293



44.1490, -8.9475, 70.0293

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.



110.1970, -11.9291, 46.3082



86.8510, 8.9475, -70.0293



112.8240, 13.8908, 24.7104

Square

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



86.8510, 8.9475, -70.0293



101.9880, 31.5579, -42.0855



111.9050, 1.0328, 42.1793



107.6070, -27.4143, 19.6387

Rectangle

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



86.8510, 8.9475, -70.0293



88.7140, 30.2140, -77.8022



111.9050, 1.0328, 42.1793



109.5140, -19.4804, 41.6452

Sweetspot

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



86.8510, 8.9475, -70.0293



146.6330, 3.1389, -26.8651



81.3600, -36.6595, -48.5507



73.0580, 1.9434, -16.7139



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



86.8510, 8.9475, -70.0293



109.8970, 12.3758, -96.3797



66.1240, 28.5329, -51.8517



59.0920, 0.4476, -3.5887



85.3450, 9.6899, -74.8476



171.9780, 19.2378, -150.8247

Inverse Universe

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



44.1490, -8.9475, 70.0293



51.1030, -12.3758, 96.3797



64.8760, -28.5329, 51.8517



56.9080, -0.4476, 3.5887



39.6550, -9.6899, 74.8476



80.0220, -19.2378, 150.8247

Previews

White Background



This preview shows how the YUV color 86.8510, 8.9475, -70.0293 looks on a white 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

Black Background



This preview shows how the YUV color 86.8510, 8.9475, -70.0293 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 86.8510, 8.9475, -70.0293

Background



This preview shows how black text looks on a background with the YUV color 86.8510, 8.9475, -70.0293.



This preview shows how white text looks on a background with the YUV color 86.8510, 8.9475, -70.0293.

-70.0293.

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

86.8510, 8.9475, -70.0293

Protanopia

109.1270, -5.9786, 4.2736

Deuteranopia

110.5280, -0.7533, 8.3069



Tritanopia

95.7250, 16.8976, -53.2558

Trichromacy



Original Color

86.8510, 8.9475, -70.0293

Protanomaly

100.7430, -0.3663, -22.5766

Deuteranomaly

102.2640, 2.8278, -20.4025

Tritanomaly

92.2960, 14.1511, -59.0186

Monochromacy



Original Color

86.8510, 8.9475, -70.0293

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7580, 3.5703, -25.2208

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8510, 8.9475, -70.0293 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, 124, 105)` looks like.

```
.text, #text, p{  
    color:rgb(7, 124, 105)  
}
```

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, 124, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 124, 105) }
```

Border

The CSS property to change the border of an element to YUV 86.8510, 8.9475, -70.0293 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, 124, 105) }
```


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

```
.border{ border-color:rgb(7, 124, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 124, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 124, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 124, 105);  
box-shadow:4px 4px 4px 4px rgb(7, 124,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 86.8510, 8.9475, -70.0293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 124, 105) }
```

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

```
.background{ background-color: rgb(7, 124,  
105) }
```

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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