

Converting Colors

YUV(85.3450, 9.6899, -74.8476)

Have a look what the booklet for
YUV(85.3450, 9.6899, -74.8476)
contains.

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Color

**YUV(85.3450, 9.6899,
-74.8476)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 007D69 |
| RGB | 0, 125, 105 |
| RGB Percent | 0%, 49%, 41% |
| CMY | 1.0000, 0.5098, 0.5882 |
| CMYK | 1.00, 0.00, 0.16, 0.51 |
| HSL | 170°, 100%, 25% |
| HSV | 170°, 100%, 49% |
| XYZ | 9.8834, 15.6872, 15.8716 |
| YIQ | 85.3450, -68.0800, -32.7200 |

Conversions

Conversions Part 2

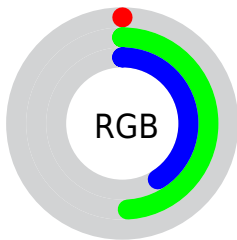
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 68, 125 |
| Decimal | 32105 |
| CIELab | 46.56, -34.54, 2.61 |
| CIELCh | 47, 34.637, 175.683 |
| Yxy | 15.6872, 0.2385, 0.3785 |
| Android (android.graphics.Color) | 4278222185 (0xFF007D69) |
| YUV | 85.3450, 9.6899, -74.8476 |
| Hunter-Lab | 39.6070, -24.7699, 3.9658 |

Details

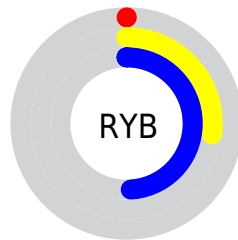
The YUV color **85.3450, 9.6899, -74.8476** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **39.6550, -9.6899, 74.8476**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8910, 4.9837, -58.6634**, and **50.6370, 3.6300, -44.4086** is the 20% darker color. If you saturate the color by 10%, you get **85.3450, 9.6899, -74.8476**, and if you desaturate by 10%, it is **89.1610, 8.7946, -67.6702**.

Distribution



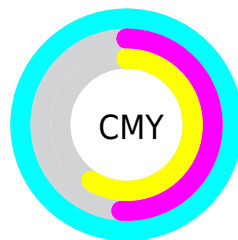
- Red (0%)
- Green (49%)
- Blue (41%)



- Red (0%)
- Yellow (27%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3450, 9.6899, -74.8476 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 85.3450, 9.6899, -74.8476 by changing the saturation by 10% instead.

85.3450, 9.6899,
-74.8476

85.3450, 9.6899,
-74.8476

255.0000, 0.0000,
0.0000

67.9340, 6.4415,
-59.5781

145.8910, 4.9837,
-58.6634

50.6370, 3.6300,
-44.4086

174.0760, 4.3995,
-57.9487

34.0410, 0.9658,
-29.8540

202.6630, 4.1101,
-58.4635

19.9070, -2.4192,
-17.4584

226.2660, 6.2779,
-53.7303

0.0000, 0.0000,
0.0000

236.4620, 9.1392,
-38.1162

245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 85.3450, 9.6899,
-74.8476

■ 89.1610, 8.7946,
-67.6702

■ 93.2760, 7.7519,
-59.8781

■ 97.3910, 6.7092,
-52.0859

■ 101.2070, 5.8139,
-44.9085

■ 105.3220, 4.7713,
-37.1164

■ 109.1380, 3.8760,
-29.9390

■ 112.9540, 2.9807,
-22.7617

■ 117.0690, 1.9380,
-14.9695

■ 121.1840, 0.8953,
-7.1774

Harmonies

Analogous

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



100.6100, -12.1327, -28.5990



85.3450, 9.6899, -74.8476



88.7650, 22.7939, -77.8469

Triad

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



85.3450, 9.6899, -74.8476



111.3240, 25.4763, -4.6691



110.1670, -23.2533, 38.4415

Complementary

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



85.3450, 9.6899, -74.8476



39.6550, -9.6899, 74.8476

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.



110.9090, -11.7871, 47.4378



85.3450, 9.6899, -74.8476



113.3510, 14.6170, 25.1252

Square

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



85.3450, 9.6899, -74.8476



101.6070, 32.7317, -45.2593



112.7310, 1.6116, 43.2089



108.0910, -28.1459, 20.9682

Rectangle

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



85.3450, 9.6899, -74.8476



89.4150, 30.3614, -78.4170



112.7310, 1.6116, 43.2089



110.1120, -19.7752, 42.8748

Sweetspot

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



85.3450, 9.6899, -74.8476



147.4370, 3.7286, -29.3242



79.6540, -39.2694, -51.4396



72.4600, 2.2382, -17.9434



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.



85.3450, 9.6899, -74.8476



111.2990, 12.6706, -97.6092



62.9710, 30.5803, -55.2256



61.7930, 0.5951, -4.2035



87.3340, 9.6953, -76.5919



0.0000, 0.0000, 0.0000

Inverse Universe

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



39.6550, -9.6899, 74.8476



51.7010, -12.6706, 97.6092



62.0290, -30.5803, 55.2256



59.2070, -0.5951, 4.2035



40.5520, -10.1321, 76.6919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.3450, 9.6899, -74.8476 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 85.3450, 9.6899, -74.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

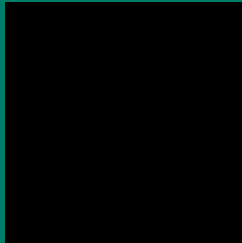
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3450, 9.6899, -74.8476

Background



This preview shows how black text looks on a background with the YUV color 85.3450, 9.6899, -74.8476.



This preview shows how white text looks on a background with the YUV color 85.3450, 9.6899,

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

110.0130, -6.4154, 4.3736

Deuteranopia

110.8270, -0.9007, 8.9217

Tritanopia

96.7250, 16.8976, -53.2558

Trichromacy



Protanomaly

100.7320, -0.3609, -24.3210

Deuteranomaly

101.6660, 3.1227, -21.6321

Tritanomaly

92.3990, 14.5933, -60.8629

Monochromacy



Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3340, 3.2863, -27.4799

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3450, 9.6899, -74.8476 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, 125, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 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(0, 125, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 105) }
```

Border

The CSS property to change the border of an element to YUV 85.3450, 9.6899, -74.8476 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, 125, 105) }
```

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

```
.border{ border-color:rgb(0, 125, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
105) }
```


Background

The CSS property to change the background color of an element to YUV 85.3450, 9.6899, -74.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 105) }
```

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

```
.background{ background-color: rgb(0, 125,  
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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