

Converting Colors

YUV(75.3490, 17.0829,
-66.0811)

Have a look what the booklet for
YUV(75.3490, 17.0829, -66.0811)
contains.

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Color

**YUV(75.3490, 17.0829,
-66.0811)**

Conversions

Conversions Part 1

Format	Color
Hex	006B6E
RGB	0, 107, 110
RGB Percent	0%, 42%, 43%
CMY	1.0000, 0.5804, 0.5686
CMYK	1.00, 0.03, 0.00, 0.57
HSL	182°, 100%, 22%
HSV	182°, 100%, 43%
XYZ	8.0722, 11.6412, 16.5734
YIQ	75.3490, -64.7350, -21.7510

Conversions

Conversions Part 2

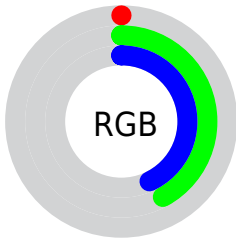
Format	Color
RYB	0, 54, 110
Decimal	27502
CIELab	40.64, -24.36, -9.13
CIELCh	41, 26.014, 200.548
Yxy	11.6412, 0.2225, 0.3208
Android (android.graphics.Color)	4278217582 (0xFF006B6E)
YUV	75.3490, 17.0829, -66.0811
Hunter-Lab	34.1192, -17.4777, -4.9167

Details

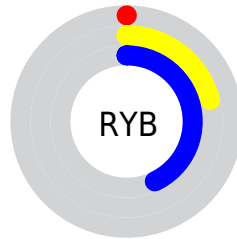
The YUV color **75.3490, 17.0829, -66.0811** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **34.6510, -17.0829, 66.0811**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2260, 13.6926, -51.9412**, and **41.8150, 10.4442, -36.6718** is the 20% darker color. If you saturate the color by 10%, you get **75.3490, 17.0829, -66.0811**, and if you desaturate by 10%, it is **78.6380, 15.4615, -59.3185**.

Distribution



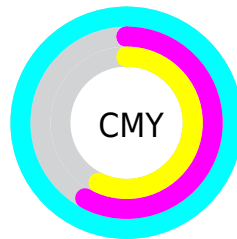
- Red (0%)
- Green (42%)
- Blue (43%)



- Red (0%)
- Yellow (21%)
- Blue (43%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3490, 17.0829, -66.0811 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 75.3490, 17.0829, -66.0811 by changing the saturation by 10% instead.

■ 75.3490, 17.0829,
-66.0811

■ 75.3490, 17.0829,
-66.0811

■ 255.0000, 0.0000,
0.0000

■ 57.9380, 13.8346,
-50.8116

■ 134.2260, 13.6926,
-51.9412

■ 41.8150, 10.4442,
-36.6718

■ 161.8240, 13.3978,
-50.7116

■ 26.3930, 7.2013,
-23.1467

■ 189.7100, 12.9610,
-50.6117

■ 5.3290, 7.7258,
-4.6735

■ 217.8240, 13.3978,
-50.7116

■ 0.0000, 0.0000,
0.0000

■ 234.9670, 9.8763,
-41.1901

■ 243.6380, 5.6015,

-23.3615

■ 252.6080, 1.1793,
-4.9182

■ 75.3490, 17.0829,
-66.0811

■ 78.6380, 15.4615,
-59.3185

■ 82.5140, 13.5506,
-53.0708

■ 85.8030, 11.9291,
-46.3082

■ 89.0920, 10.3076,
-39.5457

■ 92.9680, 8.3968,
-33.2979

■ 96.2570, 6.7753,
-26.5354

■ 99.5460, 5.1538,
-19.7728

■ 102.8350, 3.5323,
-13.0103

■ 106.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



85.3990, 1.2823, -38.0609



75.3490, 17.0829, -66.0811



77.1240, 25.0819, -65.0067

Triad

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



75.3490, 17.0829, -66.0811



98.6010, 12.0287, 15.2589



94.8440, -20.1361, 18.5538

Complementary

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



75.3490, 17.0829, -66.0811



34.6510, -17.0829, 66.0811

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.



96.3600, -15.9535, 30.3793



75.3490, 17.0829, -66.0811



98.4690, 2.2338, 30.2837

Square

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



75.3490, 17.0829, -66.0811



96.4070, 19.5193, -7.3729



97.2710, -7.5286, 34.8423



92.7880, -18.6295, 1.9399

Rectangle

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



75.3490, 17.0829, -66.0811



86.6260, 23.8484, -42.6450



97.2710, -7.5286, 34.8423



95.3930, -19.4207, 22.4573

Sweetspot

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



75.3490, 17.0829, -66.0811



129.5560, 6.6279, -25.9206



64.7980, -30.9594, -56.8278



63.5250, 3.6852, -15.3694



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



75.3490, 17.0829, -66.0811



97.8950, 22.2368, -85.8539



43.6510, 32.7101, -38.2819



54.2060, 0.8844, -3.6887



82.3590, 18.5570, -72.2288



169.6250, 38.1459, -148.7611

Inverse Universe

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



45.0880, 30.5226, 56.9278



58.6030, 39.6357, 74.0162



66.3490, -32.7101, 38.2819



52.4780, 1.7363, 3.0888



49.2180, 33.4165, 62.0758



101.3270, 68.8588, 127.7552

Previews

White Background



This preview shows how the YUV color 75.3490, 17.0829, -66.0811 looks on a white background.

Color Contrast Check

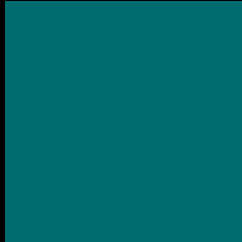
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.3490, 17.0829, -66.0811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

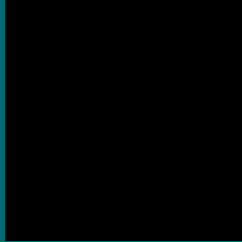
Any Text WCAG AA × Fail

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 75.3490, 17.0829, -66.0811 Background



This preview shows how black text looks on a background with the YUV color 75.3490, 17.0829, -66.0811.



This preview shows how white text looks on a background with the YUV color 75.3490, 17.0829,

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

95.7980, 3.0576, -0.6998

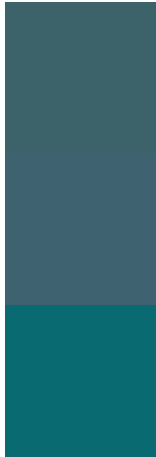
Deuteranopia

96.4760, 8.1463, 0.4595

Tritanopia

80.1160, 17.1978, -56.2297

Trichromacy



Protanomaly

88.0230, 8.3697, -24.5762

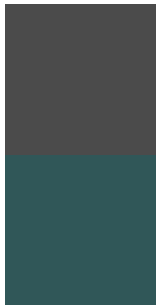
Deuteranomaly

88.8320, 11.4218, -23.5317

Tritanomaly

78.0940, 17.2087, -59.7184

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.4530, 6.1857, -24.0763

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3490, 17.0829, -66.0811 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, 107, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 110)  
}
```

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, 107, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 110) }
```

Border

The CSS property to change the border of an element to YUV 75.3490, 17.0829, -66.0811 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, 107, 110) }
```

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

```
.border{ border-color:rgb(0, 107, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
110) }
```


Background

The CSS property to change the background color of an element to YUV 75.3490, 17.0829, -66.0811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 110) }
```

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

```
.background{ background-color: rgb(0, 107,  
110) }
```

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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