

Converting Colors

YUV(76.5510, 14.0254,
-65.3812)

Have a look what the booklet for
YUV(76.5510, 14.0254, -65.3812)
contains.

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Color

**YUV(76.5510, 14.0254,
-65.3812)**

Conversions

Conversions Part 1

Format	Color
Hex	026D69
RGB	2, 109, 105
RGB Percent	1%, 43%, 41%
CMY	0.9922, 0.5725, 0.5882
CMYK	0.98, 0.00, 0.04, 0.57
HSL	178°, 96%, 22%
HSV	178°, 98%, 43%
XYZ	8.0435, 11.9701, 15.2511
YIQ	76.5510, -62.4880, -23.9280

Conversions

Conversions Part 2

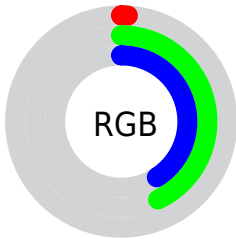
Format	Color
RYB	2, 57, 109
Decimal	159081
CIELab	41.17, -26.90, -5.30
CIELCh	41, 27.415, 191.148
Yxy	11.9701, 0.2281, 0.3394
Android (android.graphics.Color)	4278349161 (0xFF026D69)
YUV	76.5510, 14.0254, -65.3812
Hunter-Lab	34.5978, -19.0477, -1.9172

Details

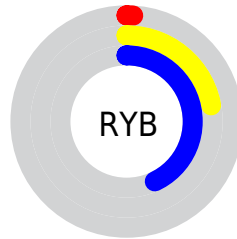
The YUV color **76.5510, 14.0254, -65.3812** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **34.4490, -14.0254, 65.3812**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0150, 10.3456, -51.7562**, and **42.4190, 7.6814, -37.2015** is the 20% darker color. If you saturate the color by 10%, you get **75.9530, 14.3202, -66.6108**, and if you desaturate by 10%, it is **79.8400, 12.4039, -58.6187**.

Distribution



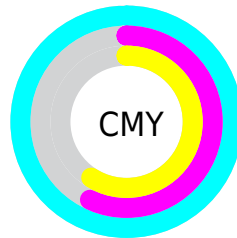
- Red (1%)
- Green (43%)
- Blue (41%)



- Red (1%)
- Yellow (22%)
- Blue (43%)



- Cyan (98%)
- Magenta (0%)
- Yellow (4%)
- Black (57%)



- Cyan (99%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5510, 14.0254, -65.3812 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 76.5510, 14.0254, -65.3812 by changing the saturation by 10% instead.

■ 76.5510, 14.0254,
-65.3812

■ 76.5510, 14.0254,
-65.3812

■ 255.0000, 0.0000,
0.0000

■ 58.5420, 11.0718,
-51.3413

■ 135.0150, 10.3456,
-51.7562

■ 42.4190, 7.6814,
-37.2015

■ 162.3140, 10.1982,
-51.1414

■ 26.9970, 4.4385,
-23.6764

■ 190.3140, 10.1982,
-51.1414

■ 7.1070, 4.3842,
-6.2328

■ 218.9010, 9.9088,
-51.6562

■ 0.0000, 0.0000,
0.0000

■ 234.9670, 9.8763,
-41.1901

■ 243.6380, 5.6015,

-23.3615

252.6080, 1.1793,
-4.9182

76.5510, 14.0254,
-65.3812

76.5510, 14.0254,
-65.3812

75.9530, 14.3202,
-66.6108

79.8400, 12.4039,
-58.6187

83.2430, 11.2192,
-51.9561

86.5320, 9.5977,
-45.1936

89.9350, 8.4130,
-38.5310

93.2240, 6.7916,
-31.7684

■ 96.2140, 5.3175,
-25.6207

■ 99.6170, 4.1328,
-18.9581

■ 102.9060, 2.5113,
-12.1956

■ 106.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



87.3950, -2.6597, -33.6724



76.5510, 14.0254, -65.3812



77.7600, 23.7823, -68.1955

Triad

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



76.5510, 14.0254, -65.3812



99.4800, 15.5394, 9.2260



96.7630, -20.5892, 23.8868

Complementary

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



76.5510, 14.0254, -65.3812



34.4490, -14.0254, 65.3812

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.



97.5500, -14.0751, 34.5977



76.5510, 14.0254, -65.3812



99.7830, 6.0230, 28.2543

Square

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



76.5510, 14.0254, -65.3812



95.4490, 22.4566, -16.1798



98.3790, -4.6238, 36.5016



94.2510, -20.8297, 7.6729

Rectangle

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



76.5510, 14.0254, -65.3812



80.4280, 27.3970, -60.8884



98.3790, -4.6238, 36.5016



96.8390, -19.1476, 28.2052

Sweetspot

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



76.5510, 14.0254, -65.3812



130.2140, 5.3175, -25.6207



66.3040, -31.7019, -52.0096



63.4110, 3.2484, -15.2694



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.



76.5510, 14.0254, -65.3812



99.5590, 18.4584, -87.3132



48.8310, 29.6633, -41.0708



52.0920, 0.4476, -3.5887



81.5610, 15.4994, -71.5290



170.7190, 32.1835, -149.7206

Inverse Universe

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



34.4490, -14.0254, 65.3812



43.3270, -18.8952, 87.4132



62.1690, -29.6633, 41.0708



49.7940, -0.8844, 3.6887



35.4390, -15.4994, 71.5290



74.2810, -32.1835, 149.7206

Previews

White Background



This preview shows how the YUV color 76.5510, 14.0254, -65.3812 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 76.5510, 14.0254, -65.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

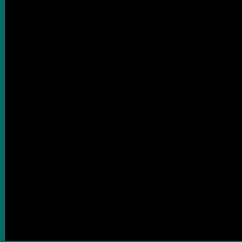
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5510, 14.0254, -65.3812

Background



This preview shows how black text looks on a background with the YUV color 76.5510, 14.0254, -65.3812.



This preview shows how white text looks on a background with the YUV color 76.5510, 14.0254,

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

76.5510, 14.0254, -65.3812

Protanopia

96.8260, 0.5788, 1.0296

Deuteranopia

97.6890, 5.0833, 2.9037



Tritanopia

82.9100, 16.3134, -52.5411

Trichromacy



Original Color

76.5510, 14.0254, -65.3812

Protanomaly

89.6380, 5.6015, -23.3615

Deuteranomaly

89.7460, 8.5062, -21.7022

Tritanomaly

80.6490, 15.4560, -57.5742

Monochromacy



Original Color

76.5510, 14.0254, -65.3812

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1110, 4.8753, -23.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5510, 14.0254, -65.3812 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(2, 109, 105)` looks like.

```
.text, #text, p{  
    color:rgb(2, 109, 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(2, 109, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 109, 105) }
```

Border

The CSS property to change the border of an element to YUV 76.5510, 14.0254, -65.3812 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(2, 109, 105) }
```


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

```
.border{ border-color:rgb(2, 109, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 109, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 109, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 109, 105);  
box-shadow:4px 4px 4px 4px rgb(2, 109,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 76.5510, 14.0254, -65.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 109, 105) }
```

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

```
.background{ background-color: rgb(2, 109,  
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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