

Converting Colors

YUV(75.6980, 14.4459,
-60.2481)

Have a look what the booklet for
YUV(75.6980, 14.4459, -60.2481)
contains.

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Color

**YUV(75.6980, 14.4459,
-60.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	076969
RGB	7, 105, 105
RGB Percent	3%, 41%, 41%
CMY	0.9725, 0.5882, 0.5882
CMYK	0.93, 0.00, 0.00, 0.59
HSL	180°, 87%, 22%
HSV	180°, 93%, 41%
XYZ	7.6890, 11.1682, 15.1150
YIQ	75.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

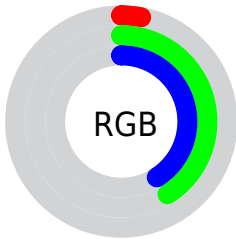
Format	Color
RYB	7, 56, 105
Decimal	485737
CIELab	39.86, -24.54, -7.24
CIELCh	40, 25.587, 196.443
Yxy	11.1682, 0.2263, 0.3287
Android (android.graphics.Color)	4278675817 (0xFF076969)
YUV	75.6980, 14.4459, -60.2481
Hunter-Lab	33.4189, -17.4140, -3.4230

Details

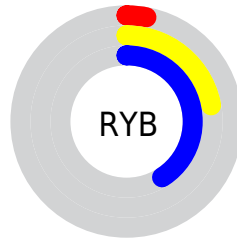
The YUV color **75.6980, 14.4459, -60.2481** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **36.3020, -14.4459, 60.2481**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.9660, 11.3558, -49.0822**, and **40.0710, 8.8390, -35.1423** is the 20% darker color. If you saturate the color by 10%, you get **73.6050, 15.4777, -64.5516**, and if you desaturate by 10%, it is **78.9870, 12.8244, -53.4856**.

Distribution



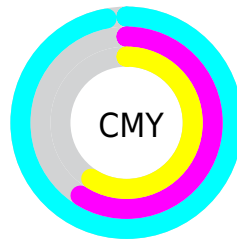
- Red (3%)
- Green (41%)
- Blue (41%)



- Red (3%)
- Yellow (22%)
- Blue (41%)



- Cyan (93%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 75.6980, 14.4459, -60.2481 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 75.6980, 14.4459, -60.2481 by changing the saturation by 10% instead.

75.6980, 14.4459,
-60.2481

75.6980, 14.4459,
-60.2481

255.0000, 0.0000,
0.0000

56.7810, 11.9400,
-49.7969

132.9660, 11.3558,
-49.0822

40.0710, 8.8390,
-35.1423

159.9660, 11.3558,
-49.0822

25.2360, 5.3067,
-22.1320

187.9660, 11.3558,
-49.0822

2.4110, 6.6994,
-2.1144

215.9660, 11.3558,
-49.0822

0.0000, 0.0000,
0.0000

234.9670, 9.8763,
-41.1901

243.6380, 5.6015,

-23.3615

252.6080, 1.1793,
-4.9182

75.6980, 14.4459,
-60.2481

75.6980, 14.4459,
-60.2481

73.6050, 15.4777,
-64.5516

78.9870, 12.8244,
-53.4856

81.9770, 11.3503,
-47.3378

85.2660, 9.7289,
-40.5753

88.2560, 8.2548,
-34.4275

91.2460, 6.7807,
-28.2797

■ 94.5350, 5.1592,
-21.5172

■ 97.8240, 3.5378,
-14.7546

■ 100.8140, 2.0637,
-8.6069

■ 104.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



83.9650, -0.4757, -34.1723



75.6980, 14.4459, -60.2481



74.5970, 24.3557, -65.4216

Triad

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



75.6980, 14.4459, -60.2481



96.5190, 13.0551, 12.6998



92.9690, -19.7047, 20.1982

Complementary

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



75.6980, 14.4459, -60.2481



36.3020, -14.4459, 60.2481

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.



94.4140, -14.5011, 31.2089



75.6980, 14.4459, -60.2481



96.5010, 3.6970, 27.6246

Square

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



75.6980, 14.4459, -60.2481



93.7980, 19.8196, -10.3468



95.6130, -6.2182, 34.5424



91.0980, -18.7823, 4.2991

Rectangle

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



75.6980, 14.4459, -60.2481



83.6040, 23.8592, -46.1337



95.6130, -6.2182, 34.5424



93.6320, -18.5526, 24.0017

Sweetspot

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



75.6980, 14.4459, -60.2481



126.3390, 5.7489, -23.9763



64.5260, -28.3603, -50.4503



61.8240, 3.5378, -14.7546



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



75.6980, 14.4459, -60.2481



96.7380, 20.3422, -84.8392



46.9350, 28.6260, -35.0230



52.2060, 0.8844, -3.6887



82.0170, 17.2466, -71.9289



171.7450, 36.1147, -150.6204

Inverse Universe

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



47.4740, 28.3603, 50.4503



56.9940, 39.9360, 71.0423



65.0650, -28.6260, 35.0230



50.4780, 1.7363, 3.0888



48.3210, 33.8587, 60.2315



101.1850, 70.9008, 126.1258

Previews

White Background



This preview shows how the YUV color 75.6980, 14.4459, -60.2481 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 75.6980, 14.4459, -60.2481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

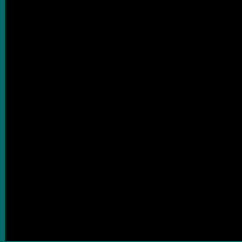
Any Text WCAG AA × Fail

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 75.6980, 14.4459, -60.2481 Background



This preview shows how black text looks on a background with the YUV color 75.6980, 14.4459, -60.2481.



This preview shows how white text looks on a background with the YUV color 75.6980, 14.4459,

-60.2481.

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

75.6980, 14.4459, -60.2481

Protanopia

93.8690, 2.0366, 0.1149

Deuteranopia

94.4330, 6.6885, 1.3743



Tritanopia

79.7960, 15.8766, -52.4411

Trichromacy



Original Color

75.6980, 14.4459, -60.2481

Protanomaly

86.9910, 6.9064, -21.9171

Deuteranomaly

87.6860, 9.5218, -20.7726

Tritanomaly

77.9590, 15.3032, -55.2150

Monochromacy



Original Color

75.6980, 14.4459, -60.2481

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2360, 5.3067, -22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.6980, 14.4459, -60.2481 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, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(7, 105, 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, 105, 105) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 75.6980, 14.4459, -60.2481 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, 105, 105) }
```


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

```
.border{ border-color:rgb(7, 105, 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, 105, 105) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to YUV 75.6980, 14.4459, -60.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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