

Converting Colors

YUV(75.8580, 25.2130,
-60.3885)

Have a look what the booklet for
YUV(75.8580, 25.2130, -60.3885)
contains.

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Color

**YUV(75.8580, 25.2130,
-60.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	07657F
RGB	7, 101, 127
RGB Percent	3%, 40%, 50%
CMY	0.9725, 0.6039, 0.5020
CMYK	0.94, 0.20, 0.00, 0.50
HSL	193°, 90%, 26%
HSV	193°, 94%, 50%
XYZ	8.5721, 10.8848, 21.7279
YIQ	75.8580, -64.3700, -11.8420

Conversions

Conversions Part 2

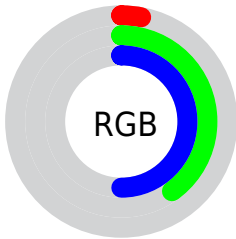
Format	Color
RYB	7, 60, 127
Decimal	484735
CIELab	39.39, -14.51, -21.38
CIELCh	39, 25.837, 235.844
Yxy	10.8848, 0.2081, 0.2643
Android (android.graphics.Color)	4278674815 (0xFF07657F)
YUV	75.8580, 25.2130, -60.3885
Hunter-Lab	32.9922, -11.3582, -15.9525

Details

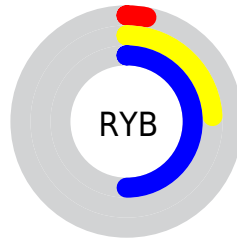
The YUV color **75.8580, 25.2130, -60.3885** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **58.1420, -25.2130, 60.3885**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6640, 22.8436, -47.0633**, and **40.5900, 18.4431, -35.5974** is the 20% darker color. If you saturate the color by 10%, you get **72.5910, 26.8236, -63.6623**, and if you desaturate by 10%, it is **81.5060, 22.4285, -53.9408**.

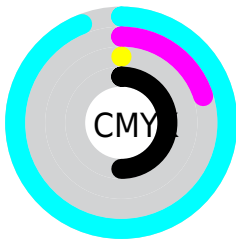
Distribution



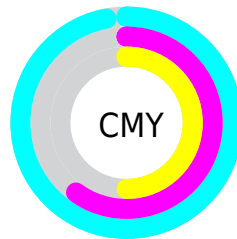
- Red (3%)
- Green (40%)
- Blue (50%)



- Red (3%)
- Yellow (24%)
- Blue (50%)



- Cyan (94%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)



- Cyan (97%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8580, 25.2130, -60.3885 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 75.8580, 25.2130, -60.3885 by changing the saturation by 10% instead.

■ 75.8580, 25.2130,
-60.3885

■ 75.8580, 25.2130,
-60.3885

■ 255.0000, 0.0000,
0.0000

■ 56.8270, 22.2703,
-49.8373

■ 133.6640, 22.8436,
-47.0633

■ 40.5900, 18.4431,
-35.5974

■ 160.9630, 22.6962,
-46.4486

■ 25.6410, 14.4740,
-22.4872

■ 188.4900, 23.4224,
-46.0337

■ 5.0500, 14.2723,
-4.4289

■ 216.3500, 19.0545,
-45.0339

■ 0.7980, 3.0576,
-0.6998

■ 236.4620, 9.1392,
-38.1162

■ 0.0000, 0.0000,
0.0000

■ 245.1330, 4.8644,

-20.2876

254.1030, 0.4422,
-1.8443

■ 75.8580, 25.2130,
-60.3885

■ 75.8580, 25.2130,
-60.3885

■ 72.5910, 26.8236,
-63.6623

■ 81.5060, 22.4285,
-53.9408

■ 86.8550, 19.7915,
-48.1078

■ 91.9160, 17.2964,
-41.1453

■ 97.5640, 14.5119,
-34.6976

■ 102.9130, 11.8749,
-28.8647

■ 108.5610, 9.0904,
-22.4170

■ 113.6220, 6.5954,
-15.4545

■ 119.2700, 3.8109,
-9.0068

■ 124.6190, 1.1738,
-3.1739

Harmonies

Analogous

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



73.5880, 17.9511, -64.5367



75.8580, 25.2130, -60.3885



88.3720, 22.4946, -28.3902

Triad

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



75.8580, 25.2130, -60.3885



94.8390, 1.0654, 31.7132



89.4070, -17.4557, -1.2339

Complementary

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



75.8580, 25.2130, -60.3885



58.1420, -25.2130, 60.3885

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.



91.7080, -20.5620, 15.1651



75.8580, 25.2130, -60.3885



93.6300, -8.6916, 34.5275

Square

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



75.8580, 25.2130, -60.3885



95.5690, 10.5655, 17.9180



92.8220, -16.6742, 28.2201



86.4630, -9.1023, -20.5771

Rectangle

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



75.8580, 25.2130, -60.3885



92.4990, 19.9670, -10.9616



92.8220, -16.6742, 28.2201



90.0980, -18.7823, 4.2991

Sweetspot

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



75.8580, 25.2130, -60.3885



146.0770, 9.8220, -23.7465



80.4040, -23.3702, -64.3753



72.1060, 5.8637, -14.1250



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



75.8580, 25.2130, -60.3885



95.2340, 34.8876, -83.5202



40.6380, 42.5765, -29.5005



60.7330, 1.6106, -3.2738



73.2920, 26.9710, -64.2771



0.0000, 0.0000, 0.0000

Inverse Universe

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



53.5960, 23.3702, 64.3753



64.4540, 32.3142, 89.0558



93.3620, -42.5765, 29.5005



59.6630, 1.1521, 3.8035



49.6720, 24.8117, 68.6937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 75.8580, 25.2130, -60.3885 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 75.8580, 25.2130, -60.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

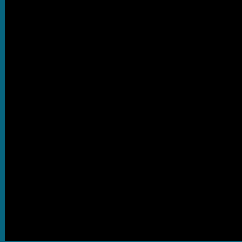
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8580, 25.2130, -60.3885

Background



This preview shows how black text looks on a background with the YUV color 75.8580, 25.2130, -60.3885.

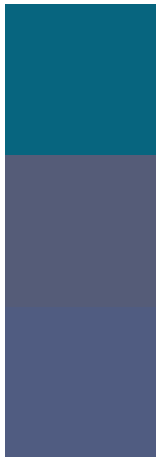


This preview shows how white text looks on a background with the YUV color 75.8580, 25.2130,

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

75.8580, 25.2130, -60.3885

Protanopia

93.0990, 13.2622, -7.1028

Deuteranopia

92.6300, 17.9304, -11.0765



Tritanopia

73.1150, 18.6773, -64.1219

Trichromacy



Original Color

75.8580, 25.2130, -60.3885

Protanomaly

86.8300, 17.8318, -26.1609

Deuteranomaly

86.2040, 20.6054, -29.1199

Tritanomaly

74.1090, 21.1453, -62.3626

Monochromacy



Original Color

75.8580, 25.2130, -60.3885

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9740, 9.3798, -21.9022

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8580, 25.2130, -60.3885 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, 101, 127)` looks like.

```
.text, #text, p{  
    color:rgb(7, 101, 127)  
}
```

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, 101, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 101, 127) }
```

Border

The CSS property to change the border of an element to YUV 75.8580, 25.2130, -60.3885 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, 101, 127) }
```


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

```
.border{ border-color:rgb(7, 101, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 101, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 101, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 101, 127);  
box-shadow:4px 4px 4px 4px rgb(7, 101,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 75.8580, 25.2130, -60.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 101, 127) }
```

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

```
.background{ background-color: rgb(7, 101,  
127) }
```

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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