

Converting Colors

YUV(80.0650, 4.4050, -59.6930)

Have a look what the booklet for
YUV(80.0650, 4.4050, -59.6930)
contains.

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Color

**YUV(80.0650, 4.4050,
-59.6930)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0C7159 |
| RGB | 12, 113, 89 |
| RGB Percent | 5%, 44%, 35% |
| CMY | 0.9529, 0.5569, 0.6510 |
| CMYK | 0.89, 0.00, 0.21, 0.56 |
| HSL | 166°, 81%, 25% |
| HSV | 166°, 89%, 44% |
| XYZ | 7.8599, 12.6097, 11.4708 |
| YIQ | 80.0650, -52.4920, -28.8760 |

Conversions

Conversions Part 2

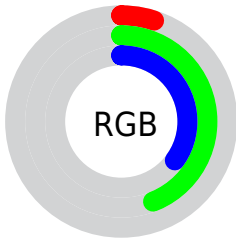
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 12, 69, 113 |
| Decimal | 815449 |
| CIE Lab | 42.17, -32.89, 5.83 |
| CIE LCh | 42, 33.406, 169.944 |
| Yxy | 12.6097, 0.2461, 0.3948 |
| Android (android.graphics.Color) | 4279005529 (0xFF0C7159) |
| YUV | 80.0650, 4.4050, -59.6930 |
| Hunter-Lab | 35.5101, -22.6330, 5.7046 |

Details

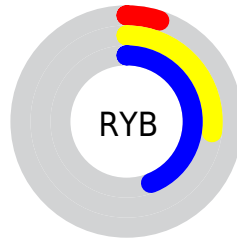
The YUV color **80.0650, 4.4050, -59.6930** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **44.9350, -4.4050, 59.6930**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6100, 1.1783, -51.4010**, and **42.5840, 0.6981, -37.3462** is the 20% darker color. If you saturate the color by 10%, you get **76.4340, 4.7160, -66.1556**, and if you desaturate by 10%, it is **83.6960, 4.0939, -53.2304**.

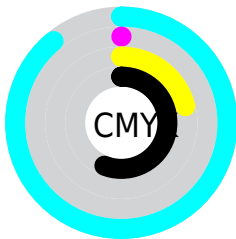
Distribution



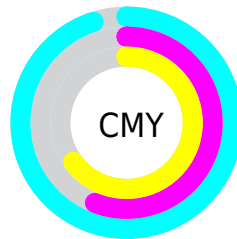
- Red (5%)
- Green (44%)
- Blue (35%)



- Red (5%)
- Yellow (27%)
- Blue (44%)



- Cyan (89%)
- Magenta (0%)
- Yellow (21%)
- Black (56%)



- Cyan (95%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0650, 4.4050, -59.6930 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 80.0650, 4.4050, -59.6930 by changing the saturation by 10% instead.

80.0650, 4.4050,
-59.6930

80.0650, 4.4050,
-59.6930

255.0000, 0.0000,
0.0000

59.1800, 3.3623,
-51.9009

136.6100, 1.1783,
-51.4010

42.5840, 0.6981,
-37.3462

163.7950, 0.5941,
-50.6862

27.2760, -2.1081,
-23.9211

191.6810, 0.1573,
-50.5862

8.2180, -4.0515,
-7.2072

219.9690, 0.0153,
-51.7158

0.0000, 0.0000,
0.0000

234.8810, 6.9607,
-39.3606

244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

80.0650, 4.4050,
-59.6930

80.0650, 4.4050,
-59.6930

76.4340, 4.7160,
-66.1556

83.6960, 4.0939,
-53.2304

76.1350, 4.8634,
-66.7704

87.5120, 3.1986,
-46.0530

91.1430, 2.8875,
-39.5904

94.7740, 2.5764,
-33.1278

98.5900, 1.6811,
-25.9504

■ 102.2210, 1.3700,
-19.4878

■ 105.8520, 1.0590,
-13.0252

■ 109.3690, 0.3111,
-6.4626

■ 113.2990, -0.1474,
0.6148

Harmonies

Analogous

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



91.4860, -14.0436, -22.3512



80.0650, 4.4050, -59.6930



79.6690, 18.4042, -69.8697

Triad

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



80.0650, 4.4050, -59.6930



99.5790, 25.3506, -11.0318



99.2640, -20.3432, 38.3565

Complementary

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



80.0650, 4.4050, -59.6930



44.9350, -4.4050, 59.6930

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.



99.9950, -8.8715, 45.6084



80.0650, 4.4050, -59.6930



102.6600, 15.9436, 19.5922

Square

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



80.0650, 4.4050, -59.6930



85.3560, 33.3485, -56.4402



101.9800, 3.9539, 38.6055



97.8570, -26.5515, 22.9274

Rectangle

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



80.0650, 4.4050, -59.6930



81.0200, 26.1191, -71.0545



101.9800, 3.9539, 38.6055



99.6110, -16.5702, 41.5602

Sweetspot

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



80.0650, 4.4050, -59.6930



134.9000, 1.5283, -23.5913



78.7620, -32.9137, -36.6253



66.1400, 0.9170, -14.1548



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



80.0650, 4.4050, -59.6930



99.7580, 6.5283, -87.4878



68.1260, 22.1229, -49.2225



54.0920, 0.4476, -3.5887



80.8140, 5.0217, -70.8739



166.5350, 11.0752, -146.0512

Inverse Universe

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



44.9350, -4.4050, 59.6930



48.2420, -6.5283, 87.4878



56.8740, -22.1229, 49.2225



52.0220, -0.0108, 3.4887



39.0720, -5.4585, 70.9739



80.5790, -10.6384, 145.9512

Previews

White Background



This preview shows how the YUV color 80.0650, 4.4050, -59.6930 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 80.0650, 4.4050, -59.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

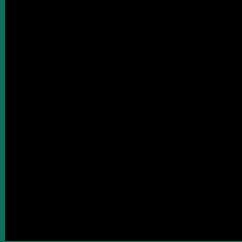
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0650, 4.4050, -59.6930

Background



This preview shows how black text looks on a background with the YUV color 80.0650, 4.4050, -59.6930.



This preview shows how white text looks on a background with the YUV color 80.0650, 4.4050,

-59.6930.

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

80.0650, 4.4050, -59.6930

Protanopia

98.8560, -8.3100, 5.3883

Deuteranopia

100.1430, -3.5215, 9.5216



Tritanopia

88.1990, 14.6919, -45.7785

Trichromacy



Original Color

80.0650, 4.4050, -59.6930

Protanomaly

91.9670, -3.4347, -18.3881

Deuteranomaly

92.7870, -0.3880, -15.5992

Tritanomaly

84.8410, 10.9244, -50.7266

Monochromacy



Original Color

80.0650, 4.4050, -59.6930

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9110, 1.5229, -21.8469

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0650, 4.4050, -59.6930 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(12, 113, 89)` looks like.

```
.text, #text, p{  
    color:rgb(12, 113, 89)  
}
```

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(12, 113, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 113, 89) }
```

Border

The CSS property to change the border of an element to YUV 80.0650, 4.4050, -59.6930 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(12, 113, 89) }
```


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

```
.border{ border-color:rgb(12, 113, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 113, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 113, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 113, 89);  
box-shadow:4px 4px 4px 4px rgb(12, 113,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 80.0650, 4.4050, -59.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 113, 89) }
```

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

```
.background{ background-color: rgb(12, 113,  
89) }
```

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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