

Converting Colors

YUV(80.8230, 14.8773,
-58.6038)

Have a look what the booklet for
YUV(80.8230, 14.8773, -58.6038)
contains.

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Color

**YUV(80.8230, 14.8773,
-58.6038)**

Conversions

Conversions Part 1

Format	Color
Hex	0E6D6F
RGB	14, 109, 111
RGB Percent	5%, 43%, 44%
CMY	0.9451, 0.5725, 0.5647
CMYK	0.87, 0.02, 0.00, 0.56
HSL	181°, 78%, 25%
HSV	181°, 87%, 44%
XYZ	8.5190, 12.1783, 16.9406
YIQ	80.8230, -57.2620, -19.5180

Conversions

Conversions Part 2

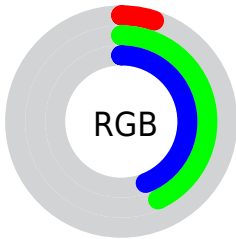
Format	Color
RYB	14, 62, 111
Decimal	945519
CIELab	41.50, -24.07, -8.43
CIELCh	41, 25.509, 199.307
Yxy	12.1783, 0.2263, 0.3236
Android (android.graphics.Color)	4279135599 (0xFF0E6D6F)
YUV	80.8230, 14.8773, -58.6038
Hunter-Lab	34.8975, -17.4961, -4.3534

Details

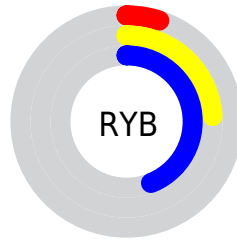
The YUV color **80.8230, 14.8773, -58.6038** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **44.1770, -14.8773, 58.6038**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.0090, 12.8136, -49.9969**, and **42.9890, 9.8654, -37.7014** is the 20% darker color. If you saturate the color by 10%, you get **77.5340, 16.4987, -65.3663**, and if you desaturate by 10%, it is **84.1120, 13.2558, -51.8412**.

Distribution



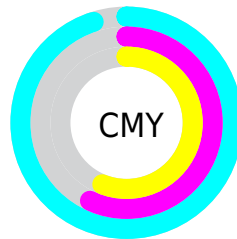
- Red (5%)
- Green (43%)
- Blue (44%)



- Red (5%)
- Yellow (24%)
- Blue (44%)



- Cyan (87%)
- Magenta (2%)
- Yellow (0%)
- Black (56%)



- Cyan (95%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8230, 14.8773, -58.6038 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 80.8230, 14.8773, -58.6038 by changing the saturation by 10% instead.

80.8230, 14.8773,
-58.6038

80.8230, 14.8773,
-58.6038

255.0000, 0.0000,
0.0000

59.2260, 13.6926,
-51.9412

137.0090, 12.8136,
-49.9969

42.9890, 9.8654,
-37.7014

164.3080, 12.6662,
-49.3821

27.6810, 7.0593,
-24.2762

192.1940, 12.2294,
-49.2821

8.9650, 6.4263,
-7.8623

220.8950, 12.3768,
-49.8969

0.0000, 0.0000,
0.0000

236.4620, 9.1392,
-38.1162

245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

80.8230, 14.8773,
-58.6038

80.8230, 14.8773,
-58.6038

77.5340, 16.4987,
-65.3663

84.1120, 13.2558,
-51.8412

76.6370, 16.9410,
-67.2106

87.4010, 11.6343,
-45.0787

91.2770, 9.7234,
-38.8309

94.5660, 8.1020,
-32.0684

98.1540, 6.3331,
-24.6911

■ 101.4430, 4.7116,
-17.9285

■ 105.3190, 2.8007,
-11.6808

■ 108.6080, 1.1793,
-4.9182

■ 111.8970, -0.4422,
1.8443

Harmonies

Analogous

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



88.1820, 0.4033, -36.1166



80.8230, 14.8773, -58.6038



81.7010, 23.3184, -59.3738

Triad

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



80.8230, 14.8773, -58.6038



100.8890, 11.8867, 14.1293



96.9580, -19.6993, 18.4538

Complementary

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



80.8230, 14.8773, -58.6038



44.1770, -14.8773, 58.6038

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.



98.4740, -15.5167, 30.2793



80.8230, 14.8773, -58.6038



100.2840, 2.8180, 29.5689

Square

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



80.8230, 14.8773, -58.6038



97.9940, 19.2300, -7.8877



99.3850, -7.0918, 34.7424



95.2010, -18.3401, 2.4547

Rectangle

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



80.8230, 14.8773, -58.6038



88.9250, 23.7010, -42.0302



99.3850, -7.0918, 34.7424



97.8060, -19.1314, 22.9721

Sweetspot

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



80.8230, 14.8773, -58.6038



133.9370, 5.4541, -22.7467



71.1670, -27.1973, -50.1355



66.5360, 3.6798, -13.6251



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.



80.8230, 14.8773, -58.6038



99.8840, 22.2422, -87.5983



52.6470, 28.7680, -33.8934



54.2060, 0.8844, -3.6887



82.3590, 18.5570, -72.2288



170.2120, 37.8565, -149.2759

Inverse Universe

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



53.8330, 27.1973, 50.1355



59.5430, 40.6513, 74.9458



72.3530, -28.7680, 33.8934



52.4780, 1.7363, 3.0888



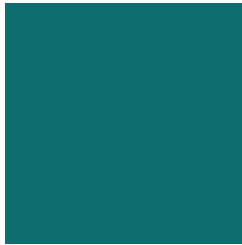
49.2180, 33.4165, 62.0758



101.4410, 69.2956, 127.6552

Previews

White Background



This preview shows how the YUV color 80.8230, 14.8773, -58.6038 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 80.8230, 14.8773, -58.6038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

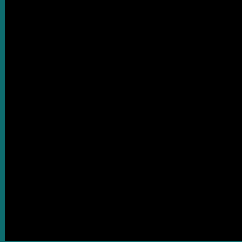
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8230, 14.8773, -58.6038

Background



This preview shows how black text looks on a background with the YUV color 80.8230, 14.8773, -58.6038.



This preview shows how white text looks on a background with the YUV color 80.8230, 14.8773,

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

80.8230, 14.8773, -58.6038

Protanopia

97.9830, 2.4734, 0.0149

Deuteranopia

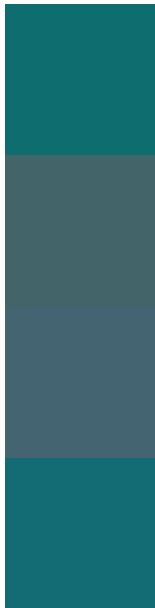
98.3620, 7.7095, 0.5595



Tritanopia

83.3120, 16.6082, -53.7706

Trichromacy



Original Color

80.8230, 14.8773, -58.6038

Protanomaly

91.4040, 7.1958, -21.4023

Deuteranomaly

91.9140, 10.3954, -20.9726

Tritanomaly

82.1870, 16.1768, -55.4150

Monochromacy



Original Color

80.8230, 14.8773, -58.6038

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9480, 5.4486, -21.0024

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8230, 14.8773, -58.6038 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(14, 109, 111)` looks like.

```
.text, #text, p{  
    color:rgb(14, 109, 111)  
}
```

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(14, 109, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 109, 111) }
```

Border

The CSS property to change the border of an element to YUV 80.8230, 14.8773, -58.6038 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(14, 109, 111) }
```


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

```
.border{ border-color:rgb(14, 109, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 109, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 109, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 109, 111);  
box-shadow:4px 4px 4px 4px rgb(14, 109,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 80.8230, 14.8773, -58.6038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 109, 111) }
```

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

```
.background{ background-color: rgb(14, 109,  
111) }
```

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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