

Converting Colors

YUV(80.7070, 4.0884, -51.4860)

Have a look what the booklet for
YUV(80.7070, 4.0884, -51.4860)
contains.

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Color

**YUV(80.7070, 4.0884,
-51.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	166D59
RGB	22, 109, 89
RGB Percent	9%, 43%, 35%
CMY	0.9137, 0.5725, 0.6510
CMYK	0.80, 0.00, 0.18, 0.57
HSL	166°, 66%, 26%
HSV	166°, 80%, 43%
XYZ	7.6027, 11.8291, 11.3337
YIQ	80.7070, -45.4320, -24.6640

Conversions

Conversions Part 2

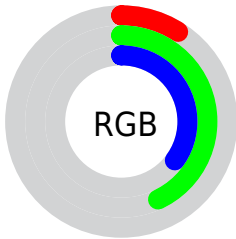
Format	Color
R_{YB}	22, 71, 109
Decimal	1469785
CIE Lab	40.94, -30.01, 4.10
CIE LCh	41, 30.290, 172.226
Yxy	11.8291, 0.2471, 0.3845
Android (android.graphics.Color)	4279659865 (0xFF166D59)
YUV	80.7070, 4.0884, -51.4860
Hunter-Lab	34.3935, -20.7311, 4.5375

Details

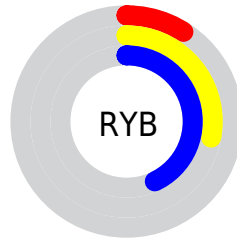
The YUV color **80.7070, 4.0884, -51.4860** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **50.2930, -4.0884, 51.4860**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8710, 2.0356, -46.3679**, and **40.2360, 1.8557, -35.2870** is the 20% darker color. If you saturate the color by 10%, you get **77.0760, 4.3995, -57.9487**, and if you desaturate by 10%, it is **84.3380, 3.7774, -45.0234**.

Distribution



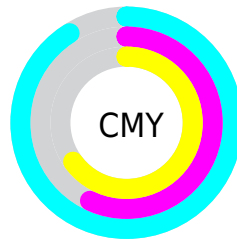
- Red (9%)
- Green (43%)
- Blue (35%)



- Red (9%)
- Yellow (28%)
- Blue (43%)



- Cyan (80%)
- Magenta (0%)
- Yellow (18%)
- Black (57%)



- Cyan (91%)
- Magenta (57%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.7070, 4.0884, -51.4860 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 80.7070, 4.0884, -51.4860 by changing the saturation by 10% instead.

80.7070, 4.0884,
-51.4860

80.7070, 4.0884,
-51.4860

255.0000, 0.0000,
0.0000

56.8320, 4.5198,
-49.8417

134.8710, 2.0356,
-46.3679

40.2360, 1.8557,
-35.2870

161.7570, 1.5988,
-46.2679

25.5150, -1.2399,
-22.3767

189.3440, 1.3094,
-46.7827

3.5220, -1.7363,
-3.0888

217.9310, 1.0200,
-47.2975

0.0000, 0.0000,
0.0000

235.4790, 6.6659,
-38.1311

244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

80.7070, 4.0884,
-51.4860

80.7070, 4.0884,
-51.4860

77.0760, 4.3995,
-57.9487

84.3380, 3.7774,
-45.0234

73.5590, 5.1474,
-64.5112

87.8550, 3.0295,
-38.4608

91.4860, 2.7184,
-31.9982

95.0030, 1.9705,
-25.4356

98.3350, 1.8068,
-19.5878

■ 101.8520, 1.0590,
-13.0252

■ 105.4830, 0.7479,
-6.5626

■ 109.0000, 0.0000,
0.0000

■ 112.6310, -0.3111,
6.4626

Harmonies

Analogous

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



88.7680, -11.7176, -21.7215



80.7070, 4.0884, -51.4860



76.9790, 18.2514, -67.5106

Triad

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



80.7070, 4.0884, -51.4860



97.3900, 21.9927, -7.3580



96.2850, -18.8745, 33.9531

Complementary

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



80.7070, 4.0884, -51.4860



50.2930, -4.0884, 51.4860

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.



97.2610, -9.0027, 40.9901



80.7070, 4.0884, -51.4860



99.3780, 13.6176, 18.9625

Square

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



80.7070, 4.0884, -51.4860



87.7770, 28.2109, -41.9004



98.9150, 2.5069, 36.0315



95.2310, -23.7779, 19.9684

Rectangle

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



80.7070, 4.0884, -51.4860



78.1020, 25.0927, -68.4955



98.9150, 2.5069, 36.0315



96.4040, -15.9752, 37.3567

Sweetspot

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



80.7070, 4.0884, -51.4860



131.9220, 1.5175, -20.1026



79.0490, -28.1252, -32.4920



64.5640, 1.2009, -11.8956



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.



80.7070, 4.0884, -51.4860



98.3890, 6.2172, -81.0252



69.4860, 19.4804, -41.6452



51.9780, 0.0108, -3.4887



78.9390, 5.4531, -69.2295



165.3610, 11.6540, -145.0216

Inverse Universe

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



50.2930, -4.0884, 51.4860



50.4970, -6.6540, 81.1251



61.5140, -19.4804, 41.6452



49.9080, -0.4476, 3.5887



38.0610, -5.4531, 69.2295



79.6390, -11.6540, 145.0216

Previews

White Background



This preview shows how the YUV color 80.7070, 4.0884, -51.4860 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 80.7070, 4.0884, -51.4860 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 80.7070, 4.0884, -51.4860

Background



This preview shows how black text looks on a background with the YUV color 80.7070, 4.0884, -51.4860.



This preview shows how white text looks on a background with the YUV color 80.7070, 4.0884, -51.4860.

-51.4860.

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

80.7070, 4.0884, -51.4860

Protanopia

95.8990, -6.8522, 4.4736

Deuteranopia

97.1860, -2.0637, 8.6069



Tritanopia

86.5800, 13.5181, -42.6047

Trichromacy



Original Color

80.7070, 4.0884, -51.4860

Protanomaly

90.5050, -2.7140, -16.2289

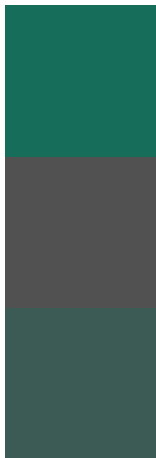
Deuteranomaly

91.3250, 0.3328, -13.4400

Tritanomaly

84.3470, 10.1819, -45.9083

Monochromacy



Original Color

80.7070, 4.0884, -51.4860

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9330, 1.5120, -18.3582

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.7070, 4.0884, -51.4860 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(22, 109, 89)` looks like.

```
.text, #text, p{  
    color:rgb(22, 109, 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(22, 109, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 109, 89) }
```

Border

The CSS property to change the border of an element to YUV 80.7070, 4.0884, -51.4860 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(22, 109, 89) }
```


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

```
.border{ border-color:rgb(22, 109, 89) }
```

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

Here you see how a box with a 4 pixel rgb(22, 109, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 109, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 109, 89);  
box-shadow:4px 4px 4px 4px rgb(22, 109,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 80.7070, 4.0884, -51.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 109, 89) }
```

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

```
.background{ background-color: rgb(22, 109,  
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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