

Converting Colors

YUV(87.6030, 1.6747, -70.6888)

Have a look what the booklet for
YUV(87.6030, 1.6747, -70.6888)
contains.

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Color

**YUV(87.6030, 1.6747,
-70.6888)**

Conversions

Conversions Part 1

Format	Color
Hex	07805B
RGB	7, 128, 91
RGB Percent	3%, 50%, 36%
CMY	0.9725, 0.4980, 0.6431
CMYK	0.95, 0.00, 0.29, 0.50
HSL	162°, 90%, 26%
HSV	162°, 95%, 50%
XYZ	9.6951, 16.2388, 12.5210
YIQ	87.6030, -60.2390, -37.1590

Conversions

Conversions Part 2

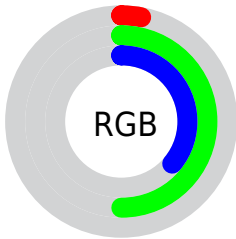
Format	Color
RYB	7, 78, 128
Decimal	491611
CIELab	47.29, -39.17, 11.86
CIELCh	47, 40.922, 163.157
Yxy	16.2388, 0.2521, 0.4223
Android (android.graphics.Color)	4278681691 (0xFF07805B)
YUV	87.6030, 1.6747, -70.6888
Hunter-Lab	40.2975, -27.5754, 9.7860

Details

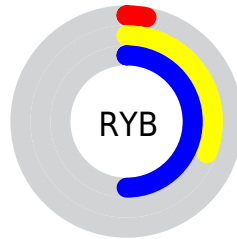
The YUV color **87.6030, 1.6747, -70.6888** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **47.3970, -1.6747, 70.6888**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1270, -3.0206, -57.9934**, and **50.9160, -2.9166, -44.6533** is the 20% darker color. If you saturate the color by 10%, you get **85.2820, 1.8330, -74.7923**, and if you desaturate by 10%, it is **91.9460, 1.5056, -63.0966**.

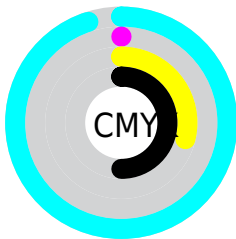
Distribution



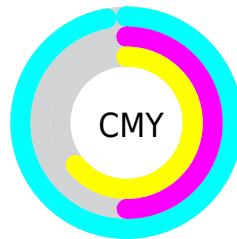
- Red (3%)
- Green (50%)
- Blue (36%)



- Red (3%)
- Yellow (31%)
- Blue (50%)



- Cyan (95%)
- Magenta (0%)
- Yellow (29%)
- Black (50%)



- Cyan (97%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.6030, 1.6747, -70.6888 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 87.6030, 1.6747, -70.6888 by changing the saturation by 10% instead.

■ 87.6030, 1.6747,
-70.6888

■ 87.6030, 1.6747,
-70.6888

■ 255.0000, 0.0000,
0.0000

■ 67.5120, -0.2524,
-59.2080

■ 147.1270, -3.0206,
-57.9934

■ 50.9160, -2.9166,
-44.6533

■ 175.0130, -3.4574,
-57.8934

■ 34.4340, -5.1440,
-30.1986

■ 203.1980, -4.0416,
-57.1786

■ 19.3710, -9.5499,
-16.9884

■ 224.7410, -0.8583,
-51.5159

■ 0.0000, 0.0000,
0.0000

■ 236.6040, 7.0972,
-36.4867

■ 245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 87.6030, 1.6747,
-70.6888

■ 87.6030, 1.6747,
-70.6888

■ 85.2820, 1.8330,
-74.7923

■ 91.9460, 1.5056,
-63.0966

■ 96.2890, 1.3365,
-55.5045

■ 100.3330, 1.3148,
-48.5270

■ 104.6760, 1.1457,
-40.9349

■ 109.0190, 0.9766,
-33.3427

■ 113.2480, 0.3707,
-25.6505

■ 117.5910, 0.2016,
-18.0583

■ 121.6350, 0.1799,
-11.0809

■ 125.9780, 0.0108,
-3.4887

Harmonies

Analogous

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



102.6620, -21.0324, -20.7516



87.6030, 1.6747, -70.6888



90.2010, 18.1419, -79.1063

Triad

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



87.6030, 1.6747, -70.6888



109.4830, 34.2719, -25.8566



110.9990, -21.6915, 50.8669

Complementary

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



87.6030, 1.6747, -70.6888



47.3970, -1.6747, 70.6888

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.



111.9300, -6.8675, 56.1894



87.6030, 1.6747, -70.6888



115.5870, 23.3746, 16.1482

Square

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



87.6030, 1.6747, -70.6888



91.3190, 42.7337, -80.0868



114.3920, 9.1737, 44.3832



109.8430, -31.9676, 33.4637

Rectangle

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



87.6030, 1.6747, -70.6888



92.1220, 28.0409, -80.7910



114.3920, 9.1737, 44.3832



111.4600, -17.4818, 53.9706

Sweetspot

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



87.6030, 1.6747, -70.6888



150.3510, 0.8130, -27.4948



89.3890, -40.6178, -38.9292



74.6020, 0.1962, -16.3140



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.



87.6030, 1.6747, -70.6888



110.5520, 2.1929, -96.9541



78.9070, 24.2028, -63.0624



61.6790, 0.1583, -4.1035



85.2820, 1.8330, -74.7923



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.3970, -1.6747, 70.6888



55.4480, -2.1929, 96.9541



56.0930, -24.2028, 63.0624



59.3210, -0.1583, 4.1035



42.7180, -1.8330, 74.7923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 87.6030, 1.6747, -70.6888 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 87.6030, 1.6747, -70.6888 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 87.6030, 1.6747, -70.6888

Background



This preview shows how black text looks on a background with the YUV color 87.6030, 1.6747, -70.6888.



This preview shows how white text looks on a background with the YUV color 87.6030, 1.6747, -70.6888.

-70.6888.

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

87.6030, 1.6747, -70.6888

Protanopia

110.4990, -13.5570, 8.3324

Deuteranopia

112.0250, -7.9003, 14.0101



Tritanopia

100.2200, 16.1605, -50.1819

Trichromacy



Original Color

87.6030, 1.6747, -70.6888

Protanomaly

102.1040, -7.9393, -20.2622

Deuteranomaly

103.3370, -4.6031, -16.9585

Tritanomaly

95.7970, 10.9461, -57.7040

Monochromacy



Original Color

87.6030, 1.6747, -70.6888

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2480, 0.3707, -25.6505

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.6030, 1.6747, -70.6888 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, 128, 91)` looks like.

```
.text, #text, p{  
    color:rgb(7, 128, 91)  
}
```

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, 128, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 128, 91) }
```

Border

The CSS property to change the border of an element to YUV 87.6030, 1.6747, -70.6888 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, 128, 91) }
```


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

```
.border{ border-color:rgb(7, 128, 91) }
```

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

Here you see how a box with a 4 pixel rgb(7, 128, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 128, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 128, 91);  
box-shadow:4px 4px 4px 4px rgb(7, 128, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.6030, 1.6747, -70.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 128, 91) }
```

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

```
.background{ background-color: rgb(7, 128,  
91) }
```

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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