

Converting Colors

YUV(85.1680, 1.3962, -74.6923)

Have a look what the booklet for
YUV(85.1680, 1.3962, -74.6923)
contains.

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Color

**YUV(85.1680, 1.3962,
-74.6923)**

Conversions

Conversions Part 1

Format	Color
Hex	008058
RGB	0, 128, 88
RGB Percent	0%, 50%, 35%
CMY	1.0000, 0.4980, 0.6549
CMYK	1.00, 0.00, 0.31, 0.50
HSL	161°, 100%, 25%
HSV	161°, 100%, 50%
XYZ	9.4806, 16.1429, 11.8487
YIQ	85.1680, -63.4480, -39.5760

Conversions

Conversions Part 2

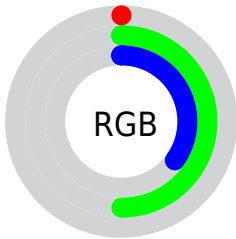
Format	Color
RYB	0, 76, 128
Decimal	32856
CIELab	47.16, -40.36, 13.41
CIELCh	47, 42.535, 161.617
Yxy	16.1429, 0.2530, 0.4308
Android (android.graphics.Color)	4278222936 (0xFF008058)
YUV	85.1680, 1.3962, -74.6923
Hunter-Lab	40.1783, -28.1924, 10.6399

Details

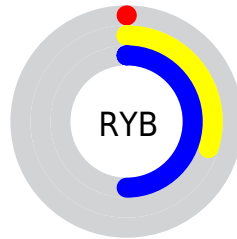
The YUV color **85.1680, 1.3962, -74.6923** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **42.8320, -1.3962, 74.6923**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1870, -4.0362, -58.9230**, and **49.9870, -3.9376, -43.8386** is the 20% darker color. If you saturate the color by 10%, you get **85.1680, 1.3962, -74.6923**, and if you desaturate by 10%, it is **89.5110, 1.2271, -67.1001**.

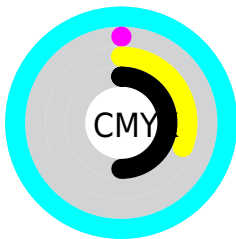
Distribution



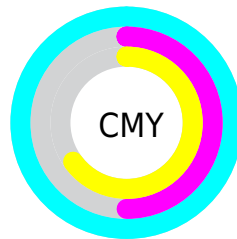
- Red (0%)
- Green (50%)
- Blue (35%)



- Red (0%)
- Yellow (30%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1680, 1.3962, -74.6923 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 85.1680, 1.3962, -74.6923 by changing the saturation by 10% instead.

■ 85.1680, 1.3962,
-74.6923

■ 85.1680, 1.3962,
-74.6923

255.0000, 0.0000,
0.0000

■ 67.2840, -1.1260,
-59.0081

■ 146.1870, -4.0362,
-58.9230

■ 49.9870, -3.9376,
-43.8386

■ 173.9590, -4.9098,
-58.7230

■ 34.0920, -6.4544,
-29.8987

■ 202.2580, -5.0572,
-58.1083

■ 19.3710, -9.5499,
-16.9884

■ 223.6870, -2.3107,
-52.3455

■ 0.0000, 0.0000,
0.0000

■ 235.6640, 6.0816,
-37.4163

■ 245.1330, 4.8644,

-20.2876

254.1030, 0.4422,
-1.8443

■ 85.1680, 1.3962,
-74.6923

■ 89.5110, 1.2271,
-67.1001

■ 93.8540, 1.0580,
-59.5080

■ 97.8980, 1.0363,
-52.5305

■ 102.2410, 0.8672,
-44.9384

■ 106.5840, 0.6981,
-37.3462

■ 110.9270, 0.5290,
-29.7540

■ 115.2700, 0.3599,
-22.1618

■ 119.3140, 0.3382,
-15.1844

■ 123.6570, 0.1691,
-7.5922

Harmonies

Analogous

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



102.2060, -22.7796, -20.3517



85.1680, 1.3962, -74.6923



90.5600, 16.9789, -79.4211

Triad

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



85.1680, 1.3962, -74.6923



107.7320, 36.6141, -30.4600



110.3090, -21.8443, 53.2260

Complementary

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



85.1680, 1.3962, -74.6923



42.8320, -1.3962, 74.6923

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.



111.4680, -6.1467, 58.3486



85.1680, 1.3962, -74.6923



115.3310, 24.9798, 14.6187

Square

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



85.1680, 1.3962, -74.6923



92.0200, 42.8811, -80.7015



114.3320, 10.1893, 45.3128



109.5120, -33.2834, 35.5080

Rectangle

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



85.1680, 1.3962, -74.6923



92.5950, 27.3147, -81.2058



114.3320, 10.1893, 45.3128



110.8840, -17.1978, 56.2297

Sweetspot

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



85.1680, 1.3962, -74.6923



149.2260, 0.3816, -29.1392



87.3950, -43.0857, -40.6884



74.0040, 0.4910, -17.5435



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.



85.1680, 1.3962, -74.6923



110.4380, 1.7561, -96.8541



76.2270, 25.5241, -66.8511



61.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000

Inverse Universe

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



42.8320, -1.3962, 74.6923



55.5620, -1.7561, 96.8541



51.7730, -25.5241, 66.8511



59.3210, -0.1583, 4.1035



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 85.1680, 1.3962, -74.6923 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 85.1680, 1.3962, -74.6923 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 85.1680, 1.3962, -74.6923

Background



This preview shows how black text looks on a background with the YUV color 85.1680, 1.3962, -74.6923.



This preview shows how white text looks on a background with the YUV color 85.1680, 1.3962, -74.6923.

-74.6923.

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

85.1680, 1.3962, -74.6923

Protanopia

110.2710, -14.4306, 8.5323

Deuteranopia

111.9820, -9.3581, 14.9248



Tritanopia

99.8180, 15.8657, -48.9524

Trichromacy



Original Color

85.1680, 1.3962, -74.6923

Protanomaly

100.9790, -8.3706, -21.9066

Deuteranomaly

102.3970, -5.6187, -17.8882

Tritanomaly

94.3840, 10.6567, -58.2188

Monochromacy



Original Color

85.1680, 1.3962, -74.6923

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2370, 0.3762, -27.3948

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1680, 1.3962, -74.6923 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(0, 128, 88)` looks like.

```
.text, #text, p{  
  color:rgb(0, 128, 88)  
}
```

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(0, 128, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 128, 88) }
```

Border

The CSS property to change the border of an element to YUV 85.1680, 1.3962, -74.6923 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(0, 128, 88) }
```

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

```
.border{ border-color:rgb(0, 128, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 128, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 128, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 128, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 128, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.1680, 1.3962, -74.6923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 128, 88) }
```

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

```
.background{ background-color: rgb(0, 128,  
88) }
```

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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