

Converting Colors

YUV(80.8550, 33.1025,
-70.9098)

Have a look what the booklet for
YUV(80.8550, 33.1025, -70.9098)
contains.

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Color

**YUV(80.8550, 33.1025,
-70.9098)**

Conversions

Conversions Part 1

Format	Color
Hex	006D94
RGB	0, 109, 148
RGB Percent	0%, 43%, 58%
CMY	1.0000, 0.5725, 0.4196
CMYK	1.00, 0.26, 0.00, 0.42
HSL	196°, 100%, 29%
HSV	196°, 100%, 58%
XYZ	10.8139, 13.0754, 29.9708
YIQ	80.8550, -77.4830, -10.9790

Conversions

Conversions Part 2

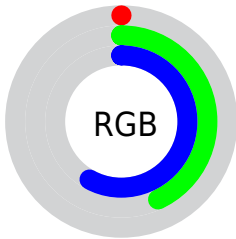
Format	Color
RYB	0, 63, 148
Decimal	28052
CIELab	42.88, -11.50, -28.59
CIELCh	43, 30.814, 248.090
Yxy	13.0754, 0.2008, 0.2428
Android (android.graphics.Color)	4278218132 (0xFF006D94)
YUV	80.8550, 33.1025, -70.9098
Hunter-Lab	36.1599, -9.8979, -23.8300

Details

The YUV color **80.8550, 33.1025, -70.9098** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **67.1450, -33.1025, 70.9098**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0640, 29.5484, -50.9221**, and **47.4520, 24.4272, -41.6154** is the 20% darker color. If you saturate the color by 10%, you get **80.8550, 33.1025, -70.9098**, and if you desaturate by 10%, it is **87.6880, 29.7338, -63.7474**.

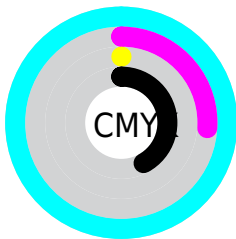
Distribution



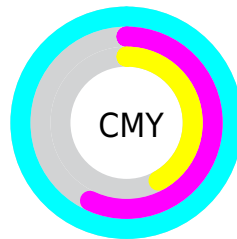
- Red (0%)
- Green (43%)
- Blue (58%)



- Red (0%)
- Yellow (25%)
- Blue (58%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8550, 33.1025, -70.9098 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 80.8550, 33.1025, -70.9098 by changing the saturation by 10% instead.

80.8550, 33.1025,
-70.9098

80.8550, 33.1025,
-70.9098

255.0000, 0.0000,
0.0000

63.8030, 28.6911,
-55.9552

142.0640, 29.5484,
-50.9221

47.4520, 24.4272,
-41.6154

169.7760, 29.6904,
-49.7926

31.8020, 20.3106,
-27.8904

197.7330, 28.2326,
-48.8778

17.4400, 16.0521,
-15.2949

223.4270, 15.5655,
-45.9785

4.4800, 12.0884,
-3.9290

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.5250, 3.6852,

-15.3694

■ 80.8550, 33.1025,
-70.9098

■ 87.6880, 29.7338,
-63.7474

■ 94.5210, 26.3651,
-56.5849

■ 101.0550, 23.1439,
-50.0372

■ 107.8880, 19.7752,
-42.8748

■ 114.7210, 16.4065,
-35.7123

■ 120.9670, 13.3273,
-28.0351

■ 127.8000, 9.9586,
-20.8726

■ 134.3340, 6.7373,
-14.3249

■ 141.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



81.3790, 24.9562, -71.3694



80.8550, 33.1025, -70.9098



98.9150, 25.6779, -22.7275

Triad

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



80.8550, 33.1025, -70.9098



102.6400, -3.7665, 41.5347



95.6400, -17.5705, -11.0853

Complementary

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



80.8550, 33.1025, -70.9098



67.1450, -33.1025, 70.9098

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.



98.4640, -23.8928, 10.1171



80.8550, 33.1025, -70.9098



101.9420, -15.2544, 39.5159

Square

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



80.8550, 33.1025, -70.9098



103.7770, 8.4909, 30.0136



100.5140, -22.9314, 28.4902



90.2160, -4.5435, -36.1464

Rectangle

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



80.8550, 33.1025, -70.9098



102.6080, 21.3923, -1.4102



100.5140, -22.9314, 28.4902



96.8860, -20.6498, -3.4080

Sweetspot

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



80.8550, 33.1025, -70.9098



165.1520, 12.7431, -27.3203



91.0940, -26.6683, -79.8894



81.2520, 7.7638, -16.8840



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



80.8550, 33.1025, -70.9098



104.5410, 42.6243, -91.6825



38.5910, 53.9386, -33.8443



70.7330, 1.6106, -3.2738



75.0190, 31.0496, -65.7917



5.8360, 2.0529, -5.1182

Inverse Universe

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



56.6780, 25.7947, 80.0894



73.1830, 33.4338, 103.3255



109.4090, -53.9386, 33.8443



69.6630, 1.1521, 3.8035



52.7760, 23.7744, 74.7414



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 80.8550, 33.1025, -70.9098 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 80.8550, 33.1025, -70.9098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

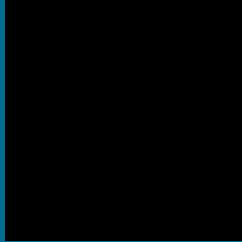
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8550, 33.1025, -70.9098

Background



This preview shows how black text looks on a background with the YUV color 80.8550, 33.1025, -70.9098.



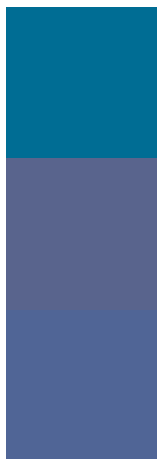
This preview shows how white text looks on a background with the YUV color 80.8550, 33.1025, -70.9098.

-70.9098.

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

80.8550, 33.1025, -70.9098

Protanopia

101.3850, 19.5302, -10.8616

Deuteranopia

100.3070, 24.4986, -17.8092

Trichromacy



Original Color

80.8550, 33.1025, -70.9098

Protanomaly

93.9200, 24.6894, -32.3788

Deuteranomaly

93.2830, 27.4685, -37.0822

Monochromacy



Original Color

80.8550, 33.1025, -70.9098

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9350, 11.8640, -25.3760

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8550, 33.1025, -70.9098 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, 109, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 148)  
}
```

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, 109, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 148) }
```

Border

The CSS property to change the border of an element to YUV 80.8550, 33.1025, -70.9098 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, 109, 148) }
```

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

```
.border{ border-color:rgb(0, 109, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
148) }
```


Background

The CSS property to change the background color of an element to YUV 80.8550, 33.1025, -70.9098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 148) }
```

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

```
.background{ background-color: rgb(0, 109,  
148) }
```

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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