

Converting Colors

YUV(81.5680, 48.5270,
-71.5351)

Have a look what the booklet for
YUV(81.5680, 48.5270, -71.5351)
contains.

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Color

**YUV(81.5680, 48.5270,
-71.5351)**

Conversions

Conversions Part 1

Format	Color
Hex	0068B4
RGB	0, 104, 180
RGB Percent	0%, 41%, 71%
CMY	1.0000, 0.5922, 0.2941
CMYK	1.00, 0.42, 0.00, 0.29
HSL	205°, 100%, 35%
HSV	205°, 100%, 71%
XYZ	13.1885, 13.1959, 45.0320
YIQ	81.5680, -86.3800, 1.5880

Conversions

Conversions Part 2

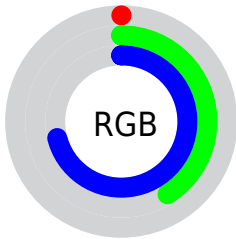
Format	Color
RYB	0, 66, 180
Decimal	26804
CIELab	43.06, 4.30, -47.19
CIELCh	43, 47.384, 275.205
Yxy	13.1959, 0.1847, 0.1848
Android (android.graphics.Color)	4278216884 (0xFF0068B4)
YUV	81.5680, 48.5270, -71.5351
Hunter-Lab	36.3262, 1.2351, -48.0709

Details

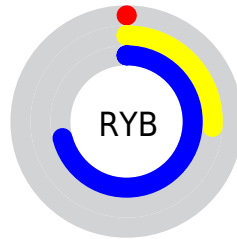
The YUV color **81.5680, 48.5270, -71.5351** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98.4320, -48.5270, 71.5351**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3970, 44.6673, -46.8292**, and **48.5240, 38.6887, -42.5555** is the 20% darker color. If you saturate the color by 10%, you get **81.5680, 48.5270, -71.5351**, and if you desaturate by 10%, it is **91.6460, 43.5585, -64.5875**.

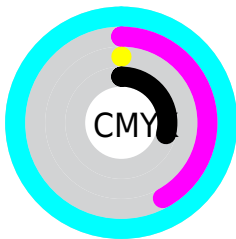
Distribution



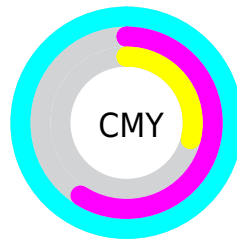
- Red (0%)
- Green (41%)
- Blue (71%)



- Red (0%)
- Yellow (26%)
- Blue (71%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (59%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.5680, 48.5270, -71.5351 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 81.5680, 48.5270, -71.5351 by changing the saturation by 10% instead.

■ 81.5680, 48.5270,
-71.5351

■ 81.5680, 48.5270,
-71.5351

■ 255.0000, 0.0000,
0.0000

■ 64.4020, 43.6788,
-56.4806

■ 145.3970, 44.6673,
-46.8292

■ 48.5240, 38.6887,
-42.5555

■ 172.0940, 40.8727,
-43.0554

■ 33.2330, 33.4091,
-29.1453

■ 197.5000, 28.3475,
-39.0265

■ 18.1700, 29.0032,
-15.9351

■ 222.6070, 15.9697,
-35.6123

■ 8.9770, 21.7033,
-7.8728

■ 242.1430, 6.3385,
-26.4354

■ 4.7080, 12.9620,
-4.1289

■ 251.4120, 1.7689,

■ 0.2280, 0.8736,

-7.3773

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 81.5680, 48.5270,
-71.5351

■ 91.6460, 43.5585,
-64.5875

■ 101.1370, 38.8795,
-57.1251

■ 111.2150, 33.9110,
-50.1776

■ 120.7060, 29.2319,
-42.7152

■ 130.7840, 24.2635,
-35.7676

■ 140.8620, 19.2950,
-28.8200

■ 150.3530, 14.6160,
-21.3576

■ 160.4310, 9.6475,
-14.4100

■ 169.9220, 4.9685,
-6.9476

Harmonies

Analogous

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



86.6400, 42.5755, -75.9833



81.5680, 48.5270, -71.5351



104.0680, 30.5325, 6.9564

Triad

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



81.5680, 48.5270, -71.5351



99.2220, -19.8294, 60.3183



76.9040, -4.8827, -67.4448

Complementary

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



81.5680, 48.5270, -71.5351



98.4320, -48.5270, 71.5351

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.



91.5180, -29.3424, -15.3633



81.5680, 48.5270, -71.5351



98.1000, -35.0523, 42.8853

Square

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



81.5680, 48.5270, -71.5351



99.3530, -1.6530, 63.7114



95.3990, -42.1017, 17.1901



82.7520, 12.4473, -72.5735

Rectangle

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



81.5680, 48.5270, -71.5351



104.7140, 20.8470, 33.5768



95.3990, -42.1017, 17.1901



84.4140, -14.9941, -44.2131

Sweetspot

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



81.5680, 48.5270, -71.5351



196.1610, 19.1476, -28.2052



114.2100, -19.3305, -100.1622



93.8760, 11.4001, -16.5543



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



81.5680, 48.5270, -71.5351



106.6220, 63.2904, -93.5075



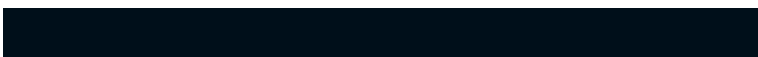
29.3250, 74.2828, -25.7180



83.9610, 2.4842, -3.4738



69.0980, 41.3637, -60.5989



11.7690, 7.0159, -10.3214

Inverse Universe

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



65.6760, 18.8937, 100.2621



85.7690, 24.7639, 130.8756



150.6750, -74.2828, 25.7180



83.2610, 0.8573, 5.0331



55.7790, 15.8850, 85.2628



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 81.5680, 48.5270, -71.5351 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 81.5680, 48.5270, -71.5351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

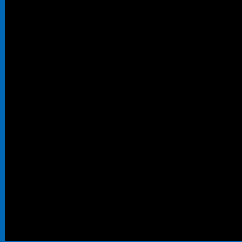
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.5680, 48.5270, -71.5351

Background



This preview shows how black text looks on a background with the YUV color 81.5680, 48.5270, -71.5351.



This preview shows how white text looks on a background with the YUV color 81.5680, 48.5270,

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

81.5680, 48.5270, -71.5351

Protanopia

98.3950, 37.7663, -26.6564

Deuteranopia

89.6520, 44.5416, -53.1918



Tritanopia

80.1250, 20.1514, -70.2696

Trichromacy



Original Color

81.5680, 48.5270, -71.5351

Protanomaly

92.3220, 41.7463, -43.2554

Deuteranomaly

86.3630, 46.1630, -59.9544

Tritanomaly

80.7580, 30.1923, -70.8248

Monochromacy



Original Color

81.5680, 48.5270, -71.5351

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.8300, 17.8318, -26.1609

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5680, 48.5270, -71.5351 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, 104, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 180)  
}
```

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, 104, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 180) }
```

Border

The CSS property to change the border of an element to YUV 81.5680, 48.5270, -71.5351 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, 104, 180) }
```


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

```
.border{ border-color:rgb(0, 104, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 104, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 81.5680, 48.5270, -71.5351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 104, 180) }
```

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

```
.background{ background-color: rgb(0, 104,  
180) }
```

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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