

Converting Colors

YUV(80.2790, 33.3865,
-68.6507)

Have a look what the booklet for
YUV(80.2790, 33.3865, -68.6507)
contains.

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Color

**YUV(80.2790, 33.3865,
-68.6507)**

Conversions

Conversions Part 1

Format	Color
Hex	026B94
RGB	2, 107, 148
RGB Percent	1%, 42%, 58%
CMY	0.9922, 0.5804, 0.4196
CMYK	0.99, 0.28, 0.00, 0.42
HSL	197°, 97%, 29%
HSV	197°, 99%, 58%
XYZ	10.6280, 12.6664, 29.9017
YIQ	80.2790, -75.7410, -9.5090

Conversions

Conversions Part 2

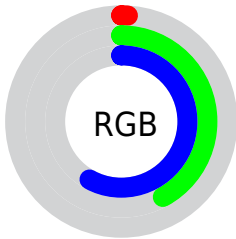
Format	Color
RYB	2, 63, 148
Decimal	158612
CIELab	42.26, -10.22, -29.56
CIElCh	42, 31.275, 250.926
Yxy	12.6664, 0.1998, 0.2381
Android (android.graphics.Color)	4278348692 (0xFF026B94)
YUV	80.2790, 33.3865, -68.6507
Hunter-Lab	35.5899, -8.9778, -24.9009

Details

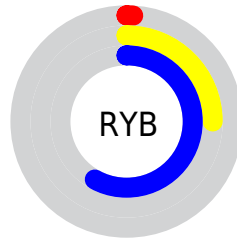
The YUV color **80.2790, 33.3865, -68.6507** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **69.7210, -33.3865, 68.6507**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8900, 30.1272, -49.8925**, and **46.2780, 25.0059, -40.5858** is the 20% darker color. If you saturate the color by 10%, you get **79.0940, 33.9707, -69.3654**, and if you desaturate by 10%, it is **87.1120, 30.0178, -61.4882**.

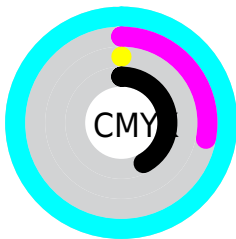
Distribution



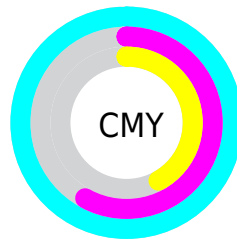
- Red (1%)
- Green (42%)
- Blue (58%)



- Red (1%)
- Yellow (25%)
- Blue (58%)



- Cyan (99%)
- Magenta (28%)
- Yellow (0%)
- Black (42%)



- Cyan (99%)
- Magenta (58%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2790, 33.3865, -68.6507 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 80.2790, 33.3865, -68.6507 by changing the saturation by 10% instead.

80.2790, 33.3865,
-68.6507

80.2790, 33.3865,
-68.6507

255.0000, 0.0000,
0.0000

62.6290, 29.2699,
-54.9256

140.8900, 30.1272,
-49.8925

46.2780, 25.0059,
-40.5858

168.6020, 30.2692,
-48.7630

30.6280, 20.8894,
-26.8608

196.5590, 28.8114,
-47.8482

16.2660, 16.6309,
-14.2653

221.6660, 16.4337,
-44.4341

4.4800, 12.0884,
-3.9290

238.5550, 8.1074,
-33.8127

0.0000, 0.0000,
0.0000

247.5250, 3.6852,

-15.3694

■ 80.2790, 33.3865,
-68.6507

■ 80.2790, 33.3865,
-68.6507

■ 79.0940, 33.9707,
-69.3654

■ 87.1120, 30.0178,
-61.4882

■ 93.9450, 26.6491,
-54.3258

■ 100.4790, 23.4279,
-47.7781

■ 107.8990, 19.7698,
-41.1304

■ 114.7320, 16.4011,
-33.9680

■ 121.5650, 13.0325,
-26.8055

■ 128.3980, 9.6638,
-19.6430

■ 134.9320, 6.4425,
-13.0954

■ 141.7650, 3.0739,
-5.9329

Harmonies

Analogous

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



80.9060, 25.6823, -70.9546



80.2790, 33.3865, -68.6507



97.6380, 25.8145, -19.8535

Triad

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



80.2790, 33.3865, -68.6507



101.2980, -5.0769, 41.8347



93.5580, -16.5441, -13.6444

Complementary

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



80.2790, 33.3865, -68.6507



69.7210, -33.3865, 68.6507

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.



96.4530, -23.8873, 8.3727



80.2790, 33.3865, -68.6507



100.3010, -16.4174, 39.2010

Square

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



80.2790, 33.3865, -68.6507



102.4460, 7.1751, 32.0579



98.3890, -23.3628, 26.8458



87.6500, -2.7854, -40.0350

Rectangle

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



80.2790, 33.3865, -68.6507



101.8040, 20.8026, 1.0489



98.3890, -23.3628, 26.8458



94.6900, -20.0602, -5.8671

Sweetspot

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



80.2790, 33.3865, -68.6507



164.5650, 13.0325, -26.8055



92.1480, -25.2160, -79.0598



80.6650, 8.0532, -16.3692



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.



80.2790, 33.3865, -68.6507



102.7800, 43.4925, -90.1381



38.6020, 53.9332, -32.1000



70.7330, 1.6106, -3.2738



73.8450, 31.6284, -64.7621



5.2490, 2.3422, -4.6034

Inverse Universe

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



57.6240, 24.3424, 79.2598



72.8410, 32.1234, 103.6254



111.3980, -53.9332, 32.1000



69.6630, 1.1521, 3.8035



52.5480, 22.9008, 74.9414



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 80.2790, 33.3865, -68.6507 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 80.2790, 33.3865, -68.6507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

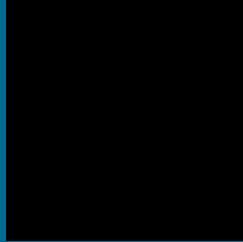
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2790, 33.3865, -68.6507

Background



This preview shows how black text looks on a background with the YUV color 80.2790, 33.3865, -68.6507.

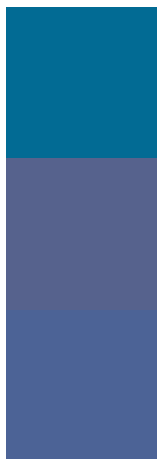


This preview shows how white text looks on a background with the YUV color 80.2790, 33.3865, -68.6507.

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

80.2790, 33.3865, -68.6507

Protanopia

99.3140, 20.5512, -11.6764

Deuteranopia

97.9370, 25.6671, -19.2387



Tritanopia

78.7230, 19.8566, -69.0401

Trichromacy



Original Color

80.2790, 33.3865, -68.6507

Protanomaly

92.1480, 25.5630, -32.5788

Deuteranomaly

91.5110, 28.3421, -37.2821

Tritanomaly

79.6890, 24.8033, -69.0103

Monochromacy



Original Color

80.2790, 33.3865, -68.6507

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3480, 12.1534, -24.8612

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2790, 33.3865, -68.6507 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(2, 107, 148)` looks like.

```
.text, #text, p{  
    color:rgb(2, 107, 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(2, 107, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 107, 148) }
```

Border

The CSS property to change the border of an element to YUV 80.2790, 33.3865, -68.6507 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(2, 107, 148) }
```


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

```
.border{ border-color:rgb(2, 107, 148) }
```

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

Here you see how a box with a 4 pixel rgb(2, 107, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 107, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 107, 148);  
box-shadow:4px 4px 4px 4px rgb(2, 107,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 80.2790, 33.3865, -68.6507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 107, 148) }
```

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

```
.background{ background-color: rgb(2, 107,  
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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