

Converting Colors

YUV(86.8120, 68.6197,
-76.1341)

Have a look what the booklet for
YUV(86.8120, 68.6197, -76.1341)
contains.

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Color

**YUV(86.8120, 68.6197,
-76.1341)**

Conversions

Conversions Part 1

Format	Color
Hex	0068E2
RGB	0, 104, 226
RGB Percent	0%, 41%, 89%
CMY	1.0000, 0.5922, 0.1137
CMYK	1.00, 0.54, 0.00, 0.11
HSL	212°, 100%, 44%
HSV	212°, 100%, 89%
XYZ	18.6778, 15.3916, 73.9380
YIQ	86.8120, -101.1460, 15.8940

Conversions

Conversions Part 2

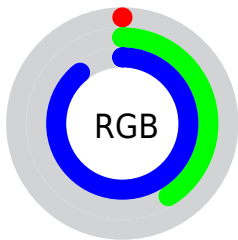
Format	Color
RYB	0, 71, 226
Decimal	26850
CIELab	46.17, 22.73, -68.61
CIELCh	46, 72.278, 288.333
Yxy	15.3916, 0.1729, 0.1425
Android (android.graphics.Color)	4278216930 (0xFF0068E2)
YUV	86.8120, 68.6197, -76.1341
Hunter-Lab	39.2322, 16.3247, -84.2770

Details

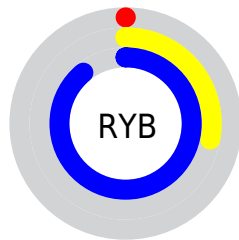
The YUV color **86.8120, 68.6197, -76.1341** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **139.1880, -68.6197, 76.1341**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8630, 51.3395, -40.2219**, and **54.0130, 57.1816, -47.3694** is the 20% darker color. If you saturate the color by 10%, you get **86.8120, 68.6197, -76.1341**, and if you desaturate by 10%, it is **100.7330, 61.7566, -68.1718**.

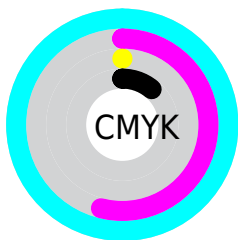
Distribution



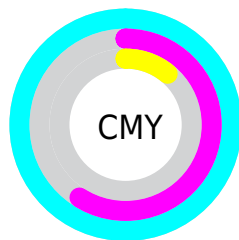
- Red (0%)
- Green (41%)
- Blue (89%)



- Red (0%)
- Yellow (28%)
- Blue (89%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (59%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8120, 68.6197, -76.1341 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 86.8120, 68.6197, -76.1341 by changing the saturation by 10% instead.

■ 86.8120, 68.6197,
-76.1341

■ 86.8120, 68.6197,
-76.1341

■ 255.0000, 0.0000,
0.0000

■ 70.0050, 62.6085,
-61.3944

■ 150.8630, 51.3395,
-40.2219

■ 54.0130, 57.1816,
-47.3694

■ 176.5790, 38.6616,
-33.8338

■ 38.4940, 51.0285,
-33.7592

■ 201.9960, 26.1310,
-28.0605

■ 25.5510, 44.5914,
-22.4082

■ 227.7010, 13.4584,
-23.4168

■ 15.6570, 37.1441,
-13.7312

■ 248.4220, 3.2430,
-13.5251

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 86.8120, 68.6197,
-76.1341

■ 100.7330, 61.7566,
-68.1718

■ 114.3550, 55.0410,
-60.8243

■ 128.8630, 47.8885,
-53.3769

■ 142.4850, 41.1729,
-46.0293

■ 156.4060, 34.3098,
-38.0671

■ 170.3270, 27.4468,
-30.1048

■ 183.9490, 20.7311,
-22.7573

■ 198.4570, 13.5787,
-15.3098

■ 212.0790, 6.8631,
-7.9623

Harmonies

Analogous

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



98.8940, 64.1423, -86.7300



86.8120, 68.6197, -76.1341



110.6820, 39.5968, 39.7439

Triad

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



86.8120, 68.6197, -76.1341



98.9910, -42.8866, 82.4459



88.1200, -2.5242, -77.2812

Complementary

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



86.8120, 68.6197, -76.1341



139.1880, -68.6197, 76.1341

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.



76.6350, -33.8371, -67.2089



86.8120, 68.6197, -76.1341



103.2730, -50.9136, 43.6106

Square

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



86.8120, 68.6197, -76.1341



88.2000, -6.0146, 109.4496



98.5680, -48.5940, -0.4981



95.8890, 24.7047, -84.0947

Rectangle

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



86.8120, 68.6197, -76.1341



100.9060, 26.6683, 79.8894



98.5680, -48.5940, -0.4981



84.4380, -11.5549, -74.0521

Sweetspot

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



86.8120, 68.6197, -76.1341



208.2090, 23.0680, -25.6163



146.4560, -12.5498, -128.4419



99.5710, 14.0155, -15.4098



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



86.8120, 68.6197, -76.1341



97.7490, 77.5247, -85.7259



28.1560, 97.5371, -17.6768



105.1890, 3.3578, -3.6738



67.6110, 53.4358, -59.2948



18.3860, 14.5997, -16.1245

Inverse Universe

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



79.4300, 12.1130, 128.5419



89.5830, 13.5166, 145.0707



197.8440, -97.5371, 17.6768



104.8590, 0.5625, 6.2627



61.8580, 9.4370, 100.1025



16.8600, 2.5340, 27.3098

Previews

White Background



This preview shows how the YUV color 86.8120, 68.6197, -76.1341 looks on a white background.

Color Contrast Check

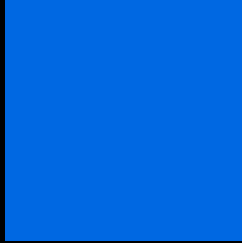
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.8120, 68.6197, -76.1341 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 86.8120, 68.6197, -76.1341 Background



This preview shows how black text looks on a background with the YUV color 86.8120, 68.6197, -76.1341.



This preview shows how white text looks on a background with the YUV color 86.8120, 68.6197,

-76.1341.

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

86.8120, 68.6197, -76.1341

Protanopia

87.0570, 67.0199, -76.3490

Deuteranopia

87.6320, 51.4534, -76.8533



Tritanopia

85.7330, 21.3306, -75.1878

Trichromacy



Original Color

86.8120, 68.6197, -76.1341

Protanomaly

87.1710, 67.4567, -76.4490

Deuteranomaly

87.2390, 57.5632, -76.5086

Tritanomaly

86.2010, 38.3549, -75.5983

Monochromacy



Original Color

86.8120, 68.6197, -76.1341

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7680, 25.2574, -27.8605

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8120, 68.6197, -76.1341 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 104, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 104, 226) }
```

Border

The CSS property to change the border of an element to YUV 86.8120, 68.6197, -76.1341 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, 226) }
```


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

```
.border{ border-color:rgb(0, 104, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 104, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 104, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 104,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 86.8120, 68.6197, -76.1341 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, 226) }
```

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

```
.background{ background-color: rgb(0, 104,  
226) }
```

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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