

Converting Colors

YUV(78.2980, 81.6911,
-68.6673)

Have a look what the booklet for
YUV(78.2980, 81.6911, -68.6673)
contains.

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Color

**YUV(78.2980, 81.6911,
-68.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	0056F4
RGB	0, 86, 244
RGB Percent	0%, 34%, 96%
CMY	1.0000, 0.6627, 0.0431
CMYK	1.00, 0.65, 0.00, 0.04
HSL	219°, 100%, 48%
HSV	219°, 100%, 96%
XYZ	19.6569, 13.1872, 87.0973
YIQ	78.2980, -101.9740, 30.9060

Conversions

Conversions Part 2

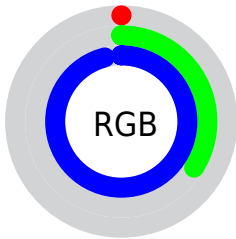
Format	Color
R_{YB}	0, 64, 244
Decimal	22260
CIE _{Lab}	43.04, 41.18, -83.86
CIE _{LCh}	43, 93.425, 296.157
Yxy	13.1872, 0.1639, 0.1099
Android (android.graphics.Color)	4278212340 (0xFF0056F4)
YUV	78.2980, 81.6911, -68.6673
Hunter-Lab	36.3142, 33.0723, -116.7832

Details

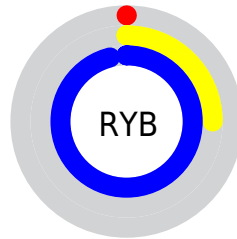
The YUV color **78.2980, 81.6911, -68.6673** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **165.7020, -81.6911, 68.6673**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8030, 55.8061, -26.1372**, and **45.8580, 69.0900, -40.2175** is the 20% darker color. If you saturate the color by 10%, you get **78.2980, 81.6911, -68.6673**, and if you desaturate by 10%, it is **94.8660, 73.5231, -62.1495**.

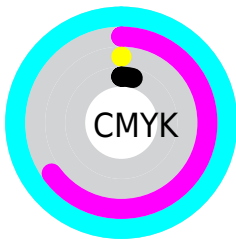
Distribution



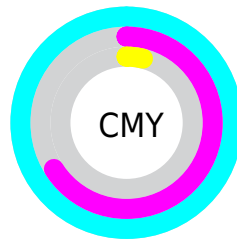
- Red (0%)
- Green (34%)
- Blue (96%)



- Red (0%)
- Yellow (25%)
- Blue (96%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (66%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2980, 81.6911, -68.6673 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 78.2980, 81.6911, -68.6673 by changing the saturation by 10% instead.

■ 78.2980, 81.6911,
-68.6673

■ 78.2980, 81.6911,
-68.6673

255.0000, 0.0000,
0.0000

■ 61.4910, 75.6799,
-53.9276

■ 141.8030, 55.8061,
-26.1372

■ 45.8580, 69.0900,
-40.2175

■ 167.2310, 43.2701,
-18.6196

■ 32.2140, 62.5055,
-28.2517

■ 192.9470, 30.5921,
-12.2315

■ 17.8690, 55.7736,
-15.6711

■ 218.9510, 17.7722,
-6.9730

■ 17.8400, 42.9699,
-15.6457

■ 245.5420, 4.6628,
-2.2293

■ 14.9900, 32.0499,
-13.1462

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 78.2980, 81.6911,
-68.6673

■ 94.8660, 73.5231,
-62.1495

■ 111.7330, 65.2076,
-55.0168

■ 127.7140, 57.3290,
-47.9842

■ 144.5810, 49.0136,
-40.8515

■ 161.1490, 40.8455,
-34.3337

■ 177.7170, 32.6775,
-27.8158

■ 194.5840, 24.3621,
-20.6832

■ 210.5650, 16.4835,
-13.6505

■ 227.4320, 8.1680,
-6.5179

Harmonies

Analogous

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



97.7490, 77.5247, -85.7259



78.2980, 81.6911, -68.6673



75.1810, 56.6058, 91.0493

Triad

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



78.2980, 81.6911, -68.6673



87.6220, -43.1976, 88.9085



86.4560, 1.2542, -75.8219

Complementary

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



78.2980, 81.6911, -68.6673



165.7020, -81.6911, 68.6673

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.



73.9620, -36.4633, -64.8647



78.2980, 81.6911, -68.6673



96.1190, -47.3867, 32.3446

Square

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



78.2980, 81.6911, -68.6673



71.2370, -15.3998, 133.0962



84.2380, -41.5293, -26.5187



96.1630, 35.9086, -84.3350

Rectangle

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



78.2980, 81.6911, -68.6673



80.3590, 29.8960, 118.0802



84.2380, -41.5293, -26.5187



82.6770, -10.6868, -72.5077

Sweetspot

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



78.2980, 81.6911, -68.6673



202.9260, 25.6725, -20.9831



160.8980, -2.9077, -141.1075



96.6360, 15.4625, -12.8358



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.



78.2980, 81.6911, -68.6673



81.9000, 85.3383, -71.8263



37.6830, 101.7143, -4.1070



113.7160, 4.0840, -3.2589



59.9460, 62.1446, -52.5726



19.0530, 19.6939, -16.7095

Inverse Universe

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



82.7600, 1.5973, 141.4075



86.5050, 1.7230, 147.7701



206.3170, -101.7143, 4.1070



114.0440, -0.0217, 6.9774



63.1380, 1.4110, 107.7500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 78.2980, 81.6911, -68.6673 looks on a white background.

Color Contrast Check

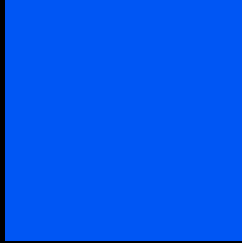
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.2980, 81.6911, -68.6673 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 78.2980, 81.6911, -68.6673

Background



This preview shows how black text looks on a background with the YUV color 78.2980, 81.6911, -68.6673.



This preview shows how white text looks on a background with the YUV color 78.2980, 81.6911, -68.6673.

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

78.2980, 81.6911, -68.6673

Protanopia

80.4230, 61.9095, -70.5310

Deuteranopia

81.1120, 46.7798, -71.1352



Tritanopia

79.1960, 19.1304, -69.4549

Trichromacy



Original Color

78.2980, 81.6911, -68.6673

Protanomaly

79.6710, 69.1822, -69.8715

Deuteranomaly

79.8530, 59.7255, -70.0311

Tritanomaly

79.1570, 41.8276, -69.4207

Monochromacy



Original Color

78.2980, 81.6911, -68.6673

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2290, 29.4671, -24.7568

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2980, 81.6911, -68.6673 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, 86, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 244)  
}
```

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, 86, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 244) }
```

Border

The CSS property to change the border of an element to YUV 78.2980, 81.6911, -68.6673 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, 86, 244) }
```


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

```
.border{ border-color:rgb(0, 86, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 86, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 86, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 86, 244)  
}
```

Background

The CSS property to change the background color of an element to YUV 78.2980, 81.6911, -68.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 244) }
```

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

```
.background{ background-color: rgb(0, 86,  
244) }
```

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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