

Converting Colors

YUV(90.5910, 80.5606,
-79.4483)

Have a look what the booklet for
YUV(90.5910, 80.5606, -79.4483)
contains.

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Color

**YUV(90.5910, 80.5606,
-79.4483)**

Conversions

Conversions Part 1

Format	Color
Hex	0069FE
RGB	0, 105, 254
RGB Percent	0%, 41%, 100%
CMY	1.0000, 0.5882, 0.0039
CMYK	1.00, 0.59, 0.00, 0.00
HSL	215°, 100%, 50%
HSV	215°, 100%, 100%
XYZ	22.9410, 17.2589, 95.8881
YIQ	90.5910, -110.4090, 24.0790

Conversions

Conversions Part 2

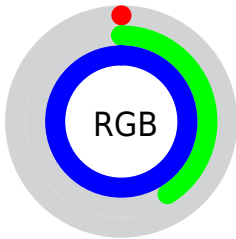
Format	Color
R _Y B	0, 74, 254
Decimal	27134
CIE Lab	48.58, 32.93, -80.35
CIE LCh	49, 86.837, 292.284
Yxy	17.2589, 0.1686, 0.1268
Android (android.graphics.Color)	4278217214 (0xFF0069FE)
YUV	90.5910, 80.5606, -79.4483
Hunter-Lab	41.5438, 25.8679, -107.7677

Details

The YUV color **90.5910, 80.5606, -79.4483** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **163.4090, -80.5606, 79.4483**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8420, 49.8709, -35.8184**, and **56.9770, 68.5383, -49.9688** is the 20% darker color. If you saturate the color by 10%, you get **90.5910, 80.5606, -79.4483**, and if you desaturate by 10%, it is **106.8710, 72.5346, -71.8009**.

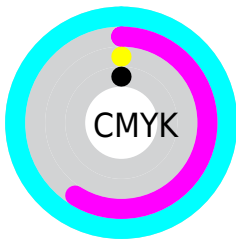
Distribution



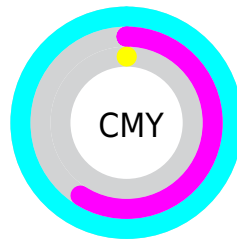
- Red (0%)
- Green (41%)
- Blue (100%)



- Red (0%)
- Yellow (29%)
- Blue (100%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5910, 80.5606, -79.4483 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 90.5910, 80.5606, -79.4483 by changing the saturation by 10% instead.

■ 90.5910, 80.5606,
-79.4483

■ 90.5910, 80.5606,
-79.4483

■ 255.0000, 0.0000,
0.0000

■ 73.1970, 74.8389,
-64.1938

■ 153.8420, 49.8709,
-35.8184

■ 56.9770, 68.5383,
-49.9688

■ 180.1560, 36.8981,
-28.2008

■ 42.6320, 61.8064,
-37.3883

■ 205.8720, 24.2201,
-21.8127

■ 29.5750, 54.9325,
-25.9373

■ 232.4630, 11.1107,
-17.0691

■ 13.5830, 49.5056,
-11.9123

■ 252.0100, 1.4741,
-6.1478

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 90.5910, 80.5606,
-79.4483

■ 106.8710, 72.5346,
-71.8009

■ 123.4500, 64.3612,
-63.5386

■ 139.7300, 56.3351,
-55.8912

■ 156.3090, 48.1617,
-47.6290

■ 172.5890, 40.1356,
-39.9816

■ 188.2820, 32.3990,
-31.8193

■ 204.8610, 24.2255,
-23.5571

■ 221.1410, 16.1995,
-15.9097

■ 237.7200, 8.0260,
-7.6474

Harmonies

Analogous

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



105.9670, 73.4733, -92.9331



90.5910, 80.5606, -79.4483



111.1760, 47.2412, 61.2356

Triad

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



90.5910, 80.5606, -79.4483



101.2220, -49.9024, 92.7673



95.1300, -1.0501, -83.4290

Complementary

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



90.5910, 80.5606, -79.4483



163.4090, -80.5606, 79.4483

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.



81.5930, -40.2253, -71.5571



90.5910, 80.5606, -79.4483



109.1650, -53.8183, 41.9513

Square

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



90.5910, 80.5606, -79.4483



78.0880, -5.9594, 138.4888



101.4480, -50.0139, -11.7939



104.4950, 32.2940, -91.6421

Rectangle

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



90.5910, 80.5606, -79.4483



84.2480, 38.3317, 119.0545



101.4480, -50.0139, -11.7939



90.9920, -11.8281, -79.8000

Sweetspot

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



90.5910, 80.5606, -79.4483



205.8610, 24.2255, -23.5571



165.9700, -8.8592, -145.5557



98.3970, 14.5943, -14.3802



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.



90.5910, 80.5606, -79.4483



90.7050, 80.9974, -79.5483



35.2350, 107.8511, -12.4841



119.4170, 4.2314, -3.8737



68.1470, 60.5665, -59.7649



22.5580, 20.4309, -19.7834

Inverse Universe

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



87.9160, 8.4224, 145.6557



88.2150, 8.2750, 146.2704



218.7650, -107.8511, 12.4841



119.4570, 0.2677, 7.4922



66.1150, 6.3523, 109.5241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 90.5910, 80.5606, -79.4483 looks on a white background.

Color Contrast Check

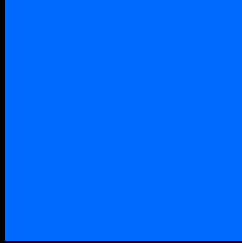
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.5910, 80.5606, -79.4483 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

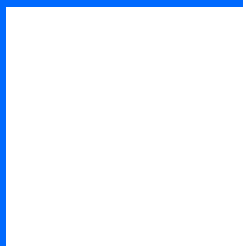
Any Text WCAG AAA × Fail

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

YUV 90.5910, 80.5606, -79.4483 Background



This preview shows how black text looks on a background with the YUV color 90.5910, 80.5606, -79.4483.



This preview shows how white text looks on a background with the YUV color 90.5910, 80.5606, -79.4483.

-79.4483.

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

90.5910, 80.5606, -79.4483

Protanopia

91.2460, 70.3777, -80.0227

Deuteranopia

92.1800, 53.6483, -80.8419



Tritanopia

89.9390, 22.2151, -78.8765

Trichromacy



Original Color

90.5910, 80.5606, -79.4483

Protanomaly

90.8700, 74.0141, -79.6930

Deuteranomaly

91.4110, 63.3944, -80.1674

Tritanomaly

90.1450, 43.3125, -79.0572

Monochromacy



Original Color

90.5910, 80.5606, -79.4483

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.7940, 29.1886, -28.7603

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5910, 80.5606, -79.4483 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, 105, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 254)  
}
```

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, 105, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 254) }
```

Border

The CSS property to change the border of an element to YUV 90.5910, 80.5606, -79.4483 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, 105, 254) }
```


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

```
.border{ border-color:rgb(0, 105, 254) }
```

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

Here you see how a box with a 4 pixel rgb(0, 105, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 90.5910, 80.5606, -79.4483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 254) }
```

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

```
.background{ background-color: rgb(0, 105,  
254) }
```

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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