

Converting Colors

YUV(86.9720, 79.3868,
-76.2744)

Have a look what the booklet for
YUV(86.9720, 79.3868, -76.2744)
contains.

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Color

**YUV(86.9720, 79.3868,
-76.2744)**

Conversions

Conversions Part 1

Format	Color
Hex	0064F8
RGB	0, 100, 248
RGB Percent	0%, 39%, 97%
CMY	1.0000, 0.6078, 0.0275
CMYK	1.00, 0.60, 0.00, 0.03
HSL	216°, 100%, 49%
HSV	216°, 100%, 97%
XYZ	21.5004, 15.8917, 90.7411
YIQ	86.9720, -107.1080, 24.8280

Conversions

Conversions Part 2

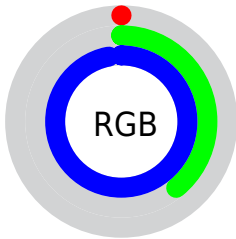
Format	Color
RYB	0, 71, 248
Decimal	25848
CIELab	46.83, 33.83, -79.88
CIELCh	47, 86.747, 292.951
Yxy	15.8917, 0.1678, 0.1240
Android (android.graphics.Color)	4278215928 (0xFF0064F8)
YUV	86.9720, 79.3868, -76.2744
Hunter-Lab	39.8643, 26.5097, -107.0537

Details

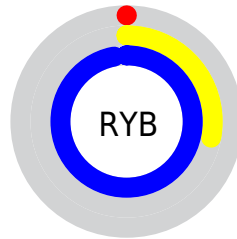
The YUV color **86.9720, 79.3868, -76.2744** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **161.0280, -79.3868, 76.2744**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6080, 51.4653, -33.8592**, and **53.9450, 67.0751, -47.3098** is the 20% darker color. If you saturate the color by 10%, you get **86.9720, 79.3868, -76.2744**, and if you desaturate by 10%, it is **103.2520, 71.3608, -68.6270**.

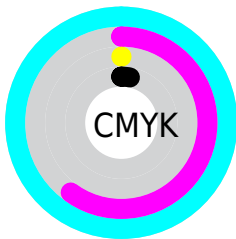
Distribution



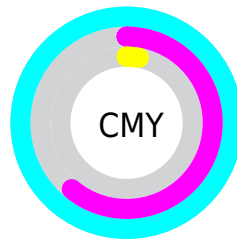
- Red (0%)
- Green (39%)
- Blue (97%)



- Red (0%)
- Yellow (28%)
- Blue (97%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (61%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9720, 79.3868, -76.2744 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 86.9720, 79.3868, -76.2744 by changing the saturation by 10% instead.

■ 86.9720, 79.3868,
-76.2744

■ 86.9720, 79.3868,
-76.2744

■ 255.0000, 0.0000,
0.0000

■ 70.1650, 73.3757,
-61.5347

■ 150.6080, 51.4653,
-33.8592

■ 53.9450, 67.0751,
-47.3098

■ 176.6230, 38.6399,
-26.8564

■ 39.0130, 60.6326,
-34.2144

■ 202.3390, 25.9619,
-20.4683

■ 26.5430, 53.4693,
-23.2782

■ 228.3430, 13.1419,
-15.2098

■ 14.7740, 46.4534,
-12.9568

■ 251.4120, 1.7689,
-7.3773

■ 16.0330, 33.5077,
-14.0609

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 86.9720, 79.3868,
-76.2744

■ 103.2520, 71.3608,
-68.6270

■ 119.5320, 63.3347,
-60.9796

■ 134.9260, 55.7455,
-53.4321

■ 151.2060, 47.7194,
-45.7847

■ 167.4860, 39.6934,
-38.1372

■ 183.7660, 31.6674,
-30.4898

■ 200.0460, 23.6413,
-22.8423

■ 215.4400, 16.0521,
-15.2949

■ 231.7200, 8.0260,
-7.6474

Harmonies

Analogous

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



103.0320, 74.9202, -90.3591



86.9720, 79.3868, -76.2744



105.3720, 46.6516, 63.6948

Triad

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



86.9720, 79.3868, -76.2744



97.0800, -47.8604, 91.1378



91.9670, -0.4767, -80.6551

Complementary

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



86.9720, 79.3868, -76.2744



161.0280, -79.3868, 76.2744

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.



78.6580, -38.7784, -68.9831



86.9720, 79.3868, -76.2744



104.7240, -51.6289, 39.7071

Square

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



86.9720, 79.3868, -76.2744



75.6100, -7.6957, 135.4000



97.3060, -47.9719, -13.4234



101.1040, 31.9937, -88.6682

Rectangle

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



86.9720, 79.3868, -76.2744



82.3680, 36.3006, 117.1953



97.3060, -47.9719, -13.4234



88.4160, -11.5441, -77.5408

Sweetspot

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



86.9720, 79.3868, -76.2744



205.2740, 24.5149, -23.0423



162.1060, -8.4333, -142.1670



97.8100, 14.8837, -13.8654



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.



86.9720, 79.3868, -76.2744



89.5310, 81.5762, -78.5187



34.5510, 105.2304, -11.8842



116.4170, 4.2314, -3.8737



66.1580, 60.5611, -58.0206



21.6290, 19.4099, -18.9686

Inverse Universe

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



85.5520, 7.1229, 142.4669



87.9870, 7.4014, 146.4704



213.4490, -105.2304, 11.8842



116.4570, 0.2677, 7.4922



65.1750, 5.3367, 108.5945



21.0890, 1.9281, 35.0019

Previews

White Background



This preview shows how the YUV color 86.9720, 79.3868, -76.2744 looks on a white background.

Color Contrast Check

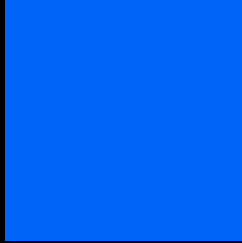
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.9720, 79.3868, -76.2744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

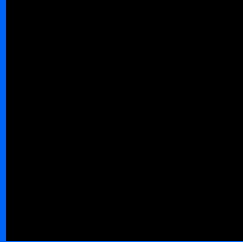
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

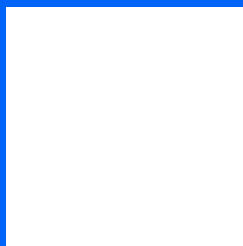
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 86.9720, 79.3868, -76.2744

Background



This preview shows how black text looks on a background with the YUV color 86.9720, 79.3868, -76.2744.



This preview shows how white text looks on a background with the YUV color 86.9720, 79.3868, -76.2744.

-76.2744.

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

86.9720, 79.3868, -76.2744

Protanopia

87.8720, 67.6041, -77.0637

Deuteranopia

88.3330, 51.6008, -77.4680



Tritanopia

87.0210, 21.1886, -76.3174

Trichromacy



Original Color

86.9720, 79.3868, -76.2744

Protanomaly

87.6100, 71.6773, -76.8340

Deuteranomaly

87.6780, 61.7837, -76.8936

Tritanomaly

87.2270, 42.2861, -76.4981

Monochromacy



Original Color

86.9720, 79.3868, -76.2744

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0930, 29.0412, -28.1456

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9720, 79.3868, -76.2744 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, 100, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 248)  
}
```

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, 100, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 248) }
```

Border

The CSS property to change the border of an element to YUV 86.9720, 79.3868, -76.2744 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, 100, 248) }
```


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

```
.border{ border-color:rgb(0, 100, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 100, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 86.9720, 79.3868, -76.2744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 100, 248) }
```

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

```
.background{ background-color: rgb(0, 100,  
248) }
```

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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