

Converting Colors

YUV(87.4280, 81.1340,
-76.6744)

Have a look what the booklet for
YUV(87.4280, 81.1340, -76.6744)
contains.

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Color

**YUV(87.4280, 81.1340,
-76.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	0064FC
RGB	0, 100, 252
RGB Percent	0%, 39%, 99%
CMY	1.0000, 0.6078, 0.0118
CMYK	1.00, 0.60, 0.00, 0.01
HSL	216°, 100%, 49%
HSV	216°, 100%, 99%
XYZ	22.1279, 16.1426, 94.0450
YIQ	87.4280, -108.3920, 26.0720

Conversions

Conversions Part 2

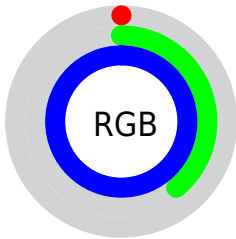
Format	Color
RYB	0, 72, 252
Decimal	25852
CIELab	47.16, 35.34, -81.57
CIELCh	47, 88.897, 293.426
Yxy	16.1426, 0.1672, 0.1220
Android (android.graphics.Color)	4278215932 (0xFF0064FC)
YUV	87.4280, 81.1340, -76.6744
Hunter-Lab	40.1779, 27.9971, -110.6566

Details

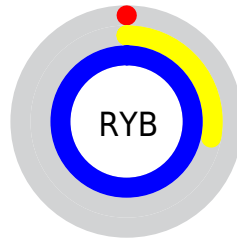
The YUV color **87.4280, 81.1340, -76.6744** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **164.5720, -81.1340, 76.6744**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9070, 51.3178, -33.2444**, and **54.4010, 68.8223, -47.7097** is the 20% darker color. If you saturate the color by 10%, you get **87.4280, 81.1340, -76.6744**, and if you desaturate by 10%, it is **103.7080, 73.1080, -69.0269**.

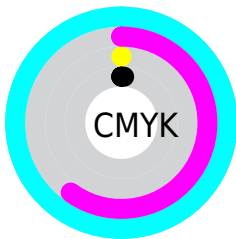
Distribution



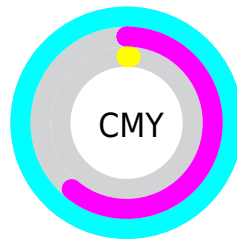
- Red (0%)
- Green (39%)
- Blue (99%)



- Red (0%)
- Yellow (28%)
- Blue (99%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (61%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.4280, 81.1340, -76.6744 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 87.4280, 81.1340, -76.6744 by changing the saturation by 10% instead.

■ 87.4280, 81.1340,
-76.6744

■ 87.4280, 81.1340,
-76.6744

■ 255.0000, 0.0000,
0.0000

■ 70.6210, 75.1228,
-61.9346

■ 150.9070, 51.3178,
-33.2444

■ 54.4010, 68.8223,
-47.7097

■ 177.2210, 38.3450,
-25.6268

■ 39.4690, 62.3798,
-34.6143

■ 202.6380, 25.8145,
-19.8535

■ 27.5860, 54.9271,
-24.1929

■ 228.9410, 12.8471,
-13.9803

■ 14.5290, 48.0532,
-12.7419

■ 252.0100, 1.4741,
-6.1478

■ 16.9620, 34.5287,
-14.8757

■ 10.5900, 25.3451,

-9.2874

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 87.4280, 81.1340,
-76.6744

■ 103.7080, 73.1080,
-69.0269

■ 119.9880, 65.0819,
-61.3795

■ 137.1540, 56.6191,
-53.6321

■ 153.4340, 48.5930,
-45.9846

■ 169.7140, 40.5670,
-38.3372

■ 185.9940, 32.5410,
-30.6897

■ 202.2740, 24.5149,
-23.0423

■ 219.4400, 16.0521,
-15.2949

■ 235.7200, 8.0260,
-7.6474

Harmonies

Analogous

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



103.6190, 74.6308, -90.8739



87.4280, 81.1340, -76.6744



104.2630, 48.6773, 67.2983

Triad

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



87.4280, 81.1340, -76.6744



97.6780, -48.1553, 92.3674



92.6680, -0.3293, -81.2698

Complementary

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



87.4280, 81.1340, -76.6744



164.5720, -81.1340, 76.6744

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.



79.2450, -39.0678, -69.4979



87.4280, 81.1340, -76.6744



105.3110, -51.9183, 39.1923

Square

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



87.4280, 81.1340, -76.6744



76.3930, -8.5747, 137.3443



97.2950, -47.9664, -15.1677



102.7340, 33.1621, -90.0977

Rectangle

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



87.4280, 81.1340, -76.6744



83.5640, 35.7109, 119.6544



97.2950, -47.9664, -15.1677



89.1170, -11.3967, -78.1556

Sweetspot

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



87.4280, 81.1340, -76.6744



205.2740, 24.5149, -23.0423



165.1380, -6.9700, -144.8260



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.



87.4280, 81.1340, -76.6744



88.3570, 82.1550, -77.4891



36.2030, 106.3879, -9.8250



116.4170, 4.2314, -3.8737



65.5710, 60.8505, -57.5058



21.0420, 19.6993, -18.4538

Inverse Universe

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



86.7480, 6.5332, 144.9260



87.7590, 6.5278, 146.6704



215.7970, -106.3879, 9.8250



116.4570, 0.2677, 7.4922



65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 87.4280, 81.1340, -76.6744 looks on a white background.

Color Contrast Check

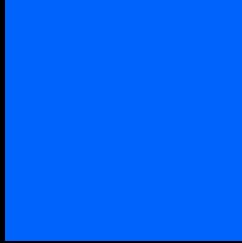
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.4280, 81.1340, -76.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

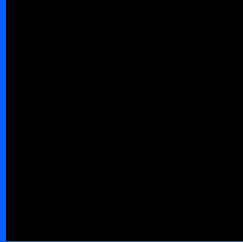
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.4280, 81.1340, -76.6744

Background



This preview shows how black text looks on a background with the YUV color 87.4280, 81.1340, -76.6744.



This preview shows how white text looks on a background with the YUV color 87.4280, 81.1340,

-76.6744.

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



Protanopia

88.6870, 68.1883, -77.7785

Deuteranopia

89.0340, 51.7482, -78.0828

Tritanopia

87.1350, 21.6254, -76.4174

Trichromacy



Protanomaly

87.9520, 72.9877, -77.1339

Deuteranomaly

88.4930, 62.3680, -77.6084

Tritanomaly

87.4550, 43.1597, -76.6980

Monochromacy



Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.2070, 29.4779, -28.2455

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.4280, 81.1340, -76.6744 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 252) }
```

Border

The CSS property to change the border of an element to YUV 87.4280, 81.1340, -76.6744 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, 252) }
```

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

```
.border{ border-color:rgb(0, 100, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
252) }
```


Background

The CSS property to change the background color of an element to YUV 87.4280, 81.1340, -76.6744 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, 252) }
```

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

```
.background{ background-color: rgb(0, 100,  
252) }
```

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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