

Converting Colors

YUV(82.1620, 81.2651,
-72.0561)

Have a look what the booklet for
YUV(82.1620, 81.2651, -72.0561)
contains.

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Color

**YUV(82.1620, 81.2651,
-72.0561)**

Conversions

Conversions Part 1

Format	Color
Hex	005CF7
RGB	0, 92, 247
RGB Percent	0%, 36%, 97%
CMY	1.0000, 0.6392, 0.0314
CMYK	1.00, 0.63, 0.00, 0.03
HSL	218°, 100%, 48%
HSV	218°, 100%, 97%
XYZ	20.6156, 14.3697, 89.6828
YIQ	82.1620, -104.5870, 28.7010

Conversions

Conversions Part 2

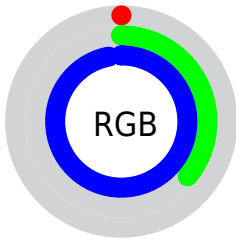
Format	Color
R _{YB}	0, 67, 247
Decimal	23799
CIE _{Lab}	44.76, 38.53, -82.72
CIE _{LCh}	45, 91.252, 294.973
Yxy	14.3697, 0.1654, 0.1153
Android (android.graphics.Color)	4278213879 (0xFF005CF7)
YUV	82.1620, 81.2651, -72.0561
Hunter-Lab	37.9074, 30.7380, -113.7354

Details

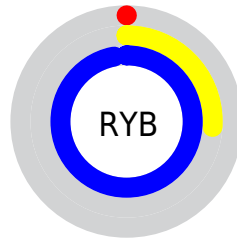
The YUV color **82.1620, 81.2651, -72.0561** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated blue. A complement of this color would be **164.8380, -81.2651, 72.0561**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.9120, 53.7804, -29.7408**, and **49.7220, 68.6641, -43.6062** is the 20% darker color. If you saturate the color by 10%, you get **82.1620, 81.2651, -72.0561**, and if you desaturate by 10%, it is **98.4420, 73.2391, -64.4086**.

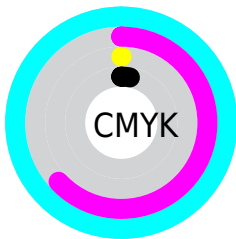
Distribution



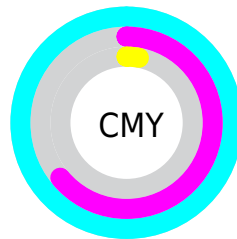
- Red (0%)
- Green (36%)
- Blue (97%)



- Red (0%)
- Yellow (26%)
- Blue (97%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (64%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.1620, 81.2651, -72.0561 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 82.1620, 81.2651, -72.0561 by changing the saturation by 10% instead.

■ 82.1620, 81.2651,
-72.0561

■ 82.1620, 81.2651,
-72.0561

■ 255.0000, 0.0000,
0.0000

■ 65.3550, 75.2540,
-57.3163

■ 145.9120, 53.7804,
-29.7408

■ 49.7220, 68.6641,
-43.6062

■ 171.6390, 41.0970,
-21.6084

■ 35.3770, 61.9321,
-31.0256

■ 197.0560, 28.5664,
-15.8351

■ 22.3200, 55.0582,
-19.5746

■ 223.0600, 15.7464,
-10.5766

■ 16.4210, 45.1484,
-14.4012

■ 249.0640, 2.9264,
-5.3181

■ 15.8050, 32.6341,
-13.8610

■ 10.1340, 23.5979,

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 82.1620, 81.2651,
-72.0561

■ 98.4420, 73.2391,
-64.4086

■ 115.0100, 65.0711,
-57.8908

■ 131.2900, 57.0450,
-50.2433

■ 148.1570, 48.7296,
-43.1107

■ 164.4370, 40.7036,
-35.4632

■ 181.0050, 32.5355,
-28.9454

■ 197.2850, 24.5095,
-21.2979

■ 214.1520, 16.1941,
-14.1653

■ 230.1330, 8.3154,
-7.1326

Harmonies

Analogous

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



100.0970, 76.3672, -87.7851



82.1620, 81.2651, -72.0561



91.3120, 51.1182, 77.7794

Triad

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



82.1620, 81.2651, -72.0561



91.7640, -45.2397, 90.5380



88.9180, 0.5334, -77.9811

Complementary

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



82.1620, 81.2651, -72.0561



164.8380, -81.2651, 72.0561

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.



76.3100, -37.6208, -66.9239



82.1620, 81.2651, -72.0561



99.9730, -49.2867, 35.1037

Square

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



82.1620, 81.2651, -72.0561



73.3450, -12.4951, 134.7554



90.1740, -44.4558, -21.2006



98.5110, 34.7511, -86.3941

Rectangle

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



82.1620, 81.2651, -72.0561



81.6410, 32.2220, 118.7098



90.1740, -44.4558, -21.2006



85.2530, -10.9707, -74.7669

Sweetspot

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



82.1620, 81.2651, -72.0561



204.1000, 25.0937, -22.0127



162.3170, -5.0863, -142.3520



97.2230, 15.1731, -13.3506



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.



82.1620, 81.2651, -72.0561



84.8350, 83.8913, -74.4003



36.8290, 103.6143, -6.8660



114.3030, 3.7946, -3.7737



61.7070, 61.2764, -54.1170



19.6400, 19.4045, -17.2243

Inverse Universe

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



84.3410, 3.7759, 142.6519



87.0750, 3.9070, 147.2702



210.1710, -103.6143, 6.8660



114.1580, 0.4151, 6.8774



63.4800, 2.7214, 107.4500



20.1490, 0.9125, 34.0723

Previews

White Background



This preview shows how the YUV color 82.1620, 81.2651, -72.0561 looks on a white background.

Color Contrast Check

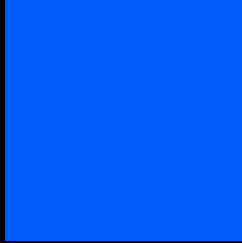
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.1620, 81.2651, -72.0561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

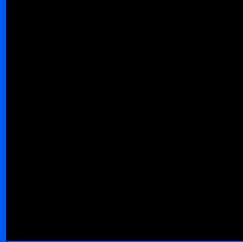
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.1620, 81.2651, -72.0561

Background



This preview shows how black text looks on a background with the YUV color 82.1620, 81.2651, -72.0561.



This preview shows how white text looks on a background with the YUV color 82.1620, 81.2651, -72.0561.

-72.0561.

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

83.6830, 64.2463, -73.3900

Deuteranopia

84.2580, 48.6798, -73.8943

Tritanopia

82.8150, 20.3042, -72.6288

Trichromacy



Protanomaly

83.2900, 70.3560, -73.0453

Deuteranomaly

83.3580, 60.4625, -73.1050

Tritanomaly

82.6620, 42.5646, -72.4946

Monochromacy



Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.2180, 29.4725, -26.5012

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.1620, 81.2651, -72.0561 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, 92, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 247)  
}
```

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, 92, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 247) }
```

Border

The CSS property to change the border of an element to YUV 82.1620, 81.2651, -72.0561 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, 92, 247) }
```

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

```
.border{ border-color:rgb(0, 92, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 92, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 92, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 92, 247)  
}
```


Background

The CSS property to change the background color of an element to YUV 82.1620, 81.2651, -72.0561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 92, 247) }
```

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

```
.background{ background-color: rgb(0, 92,  
247) }
```

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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