

Converting Colors

YUV(84.2820, 79.2340,
-73.9153)

Have a look what the booklet for
YUV(84.2820, 79.2340, -73.9153)
contains.

YUV(84.2820, 79.2340, -73.9153)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.2820, 79.2340,
-73.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	0060F5
RGB	0, 96, 245
RGB Percent	0%, 38%, 96%
CMY	1.0000, 0.6235, 0.0392
CMYK	1.00, 0.61, 0.00, 0.04
HSL	216°, 100%, 48%
HSV	216°, 100%, 96%
XYZ	20.6643, 14.9583, 88.1843
YIQ	84.2820, -105.0450, 25.9870

Conversions

Conversions Part 2

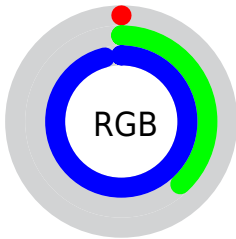
Format	Color
R _{YB}	0, 69, 245
Decimal	24821
CIE Lab	45.58, 35.23, -80.26
CIE LCh	46, 87.652, 293.701
Yxy	14.9583, 0.1669, 0.1208
Android (android.graphics.Color)	4278214901 (0xFF0060F5)
YUV	84.2820, 79.2340, -73.9153
Hunter-Lab	38.6760, 27.6883, -108.1127

Details

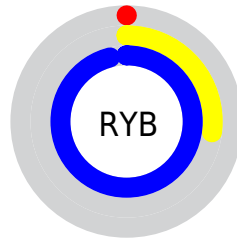
The YUV color **84.2820, 79.2340, -73.9153** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **160.7180, -79.2340, 73.9153**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9610, 52.7702, -32.4148**, and **51.2550, 66.9223, -44.9506** is the 20% darker color. If you saturate the color by 10%, you get **84.2820, 79.2340, -73.9153**, and if you desaturate by 10%, it is **100.2630, 71.3553, -66.8827**.

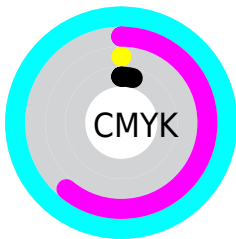
Distribution



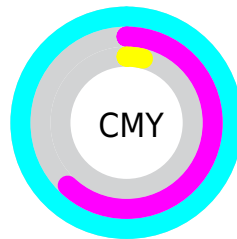
- Red (0%)
- Green (38%)
- Blue (96%)



- Red (0%)
- Yellow (27%)
- Blue (96%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (62%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.2820, 79.2340, -73.9153 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 84.2820, 79.2340, -73.9153 by changing the saturation by 10% instead.

■ 84.2820, 79.2340,
-73.9153

■ 84.2820, 79.2340,
-73.9153

■ 255.0000, 0.0000,
0.0000

■ 67.4750, 73.2228,
-59.1756

■ 147.9610, 52.7702,
-32.4148

■ 51.2550, 66.9223,
-44.9506

■ 173.6880, 40.0868,
-24.2824

■ 37.0240, 60.6272,
-32.4700

■ 199.1050, 27.5562,
-18.5091

■ 24.5540, 53.4639,
-21.5339

■ 225.1090, 14.7363,
-13.2506

■ 15.6060, 44.5642,
-13.6865

■ 251.1130, 1.9163,
-7.9921

■ 15.6910, 32.1973,
-13.7610

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 84.2820, 79.2340,
-73.9153

■ 100.2630, 71.3553,
-66.8827

■ 116.5430, 63.3293,
-59.2352

■ 132.8230, 55.3033,
-51.5878

■ 148.8040, 47.4246,
-44.5551

■ 165.0840, 39.3986,
-36.9077

■ 180.4780, 31.8093,
-29.3602

■ 196.4590, 23.9307,
-22.3275

■ 212.7390, 15.9047,
-14.6801

■ 229.0190, 7.8786,
-7.0327

Harmonies

Analogous

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



101.2710, 75.7884, -88.8147



84.2820, 79.2340, -73.9153



99.9210, 47.3669, 67.5983

Triad

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



84.2820, 79.2340, -73.9153



93.8240, -46.2552, 89.6084



89.5050, 0.2440, -78.4959

Complementary

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



84.2820, 79.2340, -73.9153



160.7180, -79.2340, 73.9153

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.



76.8970, -37.9102, -67.4387



84.2820, 79.2340, -73.9153



102.0550, -50.3131, 37.6628

Square

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



84.2820, 79.2340, -73.9153



73.8440, -9.2901, 133.4408



93.4520, -46.0718, -16.1824



99.3430, 32.8619, -87.1238

Rectangle

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



84.2820, 79.2340, -73.9153



81.2000, 34.4114, 116.4656



93.4520, -46.0718, -16.1824



85.8400, -11.2601, -75.2817

Sweetspot

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



84.2820, 79.2340, -73.9153



204.6870, 24.8043, -22.5275



160.5730, -6.6915, -140.8225



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.



84.2820, 79.2340, -73.9153



87.7700, 82.4444, -76.9743



35.1060, 103.4777, -9.7400



114.3030, 3.7946, -3.7737



64.0550, 60.1189, -56.1762



20.2270, 19.1151, -17.7391

Inverse Universe

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



84.1990, 5.8179, 141.0225



87.6450, 6.0910, 146.7703



209.8940, -103.4777, 9.7400



114.1580, 0.4151, 6.8774



63.9360, 4.4686, 107.0501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 84.2820, 79.2340, -73.9153 looks on a white background.

Color Contrast Check

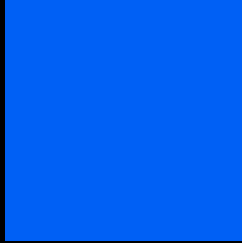
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.2820, 79.2340, -73.9153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

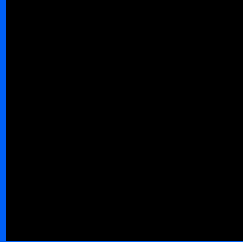
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

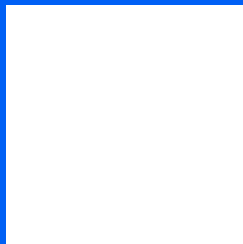
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.2820, 79.2340, -73.9153

Background



This preview shows how black text looks on a background with the YUV color 84.2820, 79.2340, -73.9153.



This preview shows how white text looks on a background with the YUV color 84.2820, 79.2340, -73.9153.

-73.9153.

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

84.2820, 79.2340, -73.9153

Protanopia

85.4270, 65.8515, -74.9195

Deuteranopia

85.8880, 49.8482, -75.3238



Tritanopia

84.2170, 20.5990, -73.8583

Trichromacy



Original Color

84.2820, 79.2340, -73.9153

Protanomaly

84.6920, 70.6508, -74.2749

Deuteranomaly

85.3470, 60.4679, -74.8493

Tritanomaly

84.4230, 41.6965, -74.0390

Monochromacy



Original Color

84.2820, 79.2340, -73.9153

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8050, 29.1831, -27.0160

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2820, 79.2340, -73.9153 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, 96, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 96, 245)  
}
```

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, 96, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 96, 245) }
```

Border

The CSS property to change the border of an element to YUV 84.2820, 79.2340, -73.9153 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, 96, 245) }
```


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

```
.border{ border-color:rgb(0, 96, 245) }
```

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

Here you see how a box with a 4 pixel rgb(0, 96, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 96, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 96, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 96, 245)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.2820, 79.2340, -73.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 96, 245) }
```

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

```
.background{ background-color: rgb(0, 96,  
245) }
```

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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