

Converting Colors

YUV(81.9000, 85.3383,
-71.8263)

Have a look what the booklet for
YUV(81.9000, 85.3383, -71.8263)
contains.

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Color

**YUV(81.9000, 85.3383,
-71.8263)**

Conversions

Conversions Part 1

Format	Color
Hex	005AFF
RGB	0, 90, 255
RGB Percent	0%, 35%, 100%
CMY	1.0000, 0.6471, 0.0000
CMYK	1.00, 0.65, 0.00, 0.00
HSL	219°, 100%, 50%
HSV	219°, 100%, 100%
XYZ	21.7062, 14.5323, 96.2687
YIQ	81.9000, -106.6050, 32.2350

Conversions

Conversions Part 2

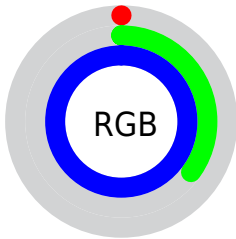
Format	Color
R _{YB}	0, 67, 255
Decimal	23295
CIE Lab	44.99, 42.75, -86.81
CIE LCh	45, 96.762, 296.218
Yxy	14.5323, 0.1638, 0.1097
Android (android.graphics.Color)	4278213375 (0xFF005AFF)
YUV	81.9000, 85.3383, -71.8263
Hunter-Lab	38.1213, 34.9252, -123.0417

Details

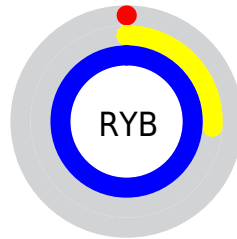
The YUV color **81.9000, 85.3383, -71.8263** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **173.1000, -85.3383, 71.8263**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6350, 53.9169, -26.8669**, and **49.4600, 72.7372, -43.3764** is the 20% darker color. If you saturate the color by 10%, you get **81.9000, 85.3383, -71.8263**, and if you desaturate by 10%, it is **99.3540, 76.7335, -65.2085**.

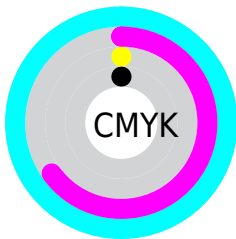
Distribution



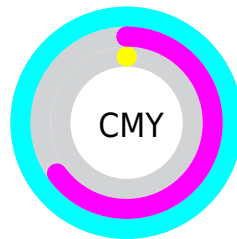
- Red (0%)
- Green (35%)
- Blue (100%)



- Red (0%)
- Yellow (26%)
- Blue (100%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.9000, 85.3383, -71.8263 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 81.9000, 85.3383, -71.8263 by changing the saturation by 10% instead.

■ 81.9000, 85.3383,
-71.8263

■ 81.9000, 85.3383,
-71.8263

■ 255.0000, 0.0000,
0.0000

■ 65.0930, 79.3272,
-57.0866

■ 145.6350, 53.9169,
-26.8669

■ 49.4600, 72.7372,
-43.3764

■ 171.3620, 41.2335,
-18.7345

■ 35.1150, 66.0053,
-30.7959

■ 197.0780, 28.5555,
-12.3464

■ 22.5310, 58.4052,
-19.7597

■ 223.0820, 15.7356,
-7.0879

■ 16.6320, 48.4954,
-14.5863

■ 249.0860, 2.9156,
-1.8294

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 81.9000, 85.3383,
-71.8263

■ 99.3540, 76.7335,
-65.2085

■ 116.5200, 68.2706,
-57.4610

■ 134.2730, 59.5184,
-50.2284

■ 151.1400, 51.2030,
-43.0958

■ 168.8930, 42.4508,
-35.8632

■ 185.7600, 34.1353,
-28.7305

■ 203.5130, 25.3831,
-21.4979

■ 220.3800, 17.0677,
-14.3653

■ 238.1330, 8.3154,
-7.1326

Harmonies

Analogous

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



100.6840, 76.0778, -88.2999



81.9000, 85.3383, -71.8263



78.7840, 58.7735, 95.7824

Triad

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



81.9000, 85.3383, -71.8263



91.1880, -44.9557, 92.7971



89.9610, 1.9912, -78.8958

Complementary

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



81.9000, 85.3383, -71.8263



173.1000, -85.3383, 71.8263

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



81.9000, 85.3383, -71.8263



100.2610, -49.4287, 33.9741

Square

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



81.9000, 85.3383, -71.8263



74.4550, -16.0003, 139.0440



88.3580, -43.5605, -28.3780



100.5970, 37.6667, -88.2236

Rectangle

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



81.9000, 85.3383, -71.8263



84.0330, 31.0427, 123.6281



88.3580, -43.5605, -28.3780



85.9540, -10.8233, -75.3817

Sweetspot

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



81.9000, 85.3383, -71.8263



203.5130, 25.3831, -21.4979



168.1530, -3.0334, -147.4702



96.6360, 15.4625, -12.8358



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.



81.9000, 85.3383, -71.8263



39.2360, 106.3717, -4.5920



118.8300, 4.5208, -3.3589



61.6900, 63.7498, -54.1021



20.7970, 21.2991, -18.2390

Inverse Universe

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



86.5050, 1.7230, 147.7701



215.7640, -106.3717, 4.5920



119.3430, -0.1691, 7.5922



64.7470, 1.1107, 110.7239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 81.9000, 85.3383, -71.8263 looks on a white background.

Color Contrast Check

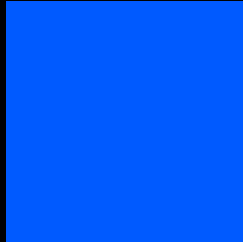
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.9000, 85.3383, -71.8263 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 81.9000, 85.3383, -71.8263

Background



This preview shows how black text looks on a background with the YUV color 81.9000, 85.3383, -71.8263.



This preview shows how white text looks on a background with the YUV color 81.9000, 85.3383, -71.8263.

-71.8263.

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

81.9000, 85.3383, -71.8263

Protanopia

84.3840, 64.3937, -74.0048

Deuteranopia

84.9590, 48.8272, -74.5090



Tritanopia

82.8150, 20.3042, -72.6288

Trichromacy



Original Color

81.9000, 85.3383, -71.8263

Protanomaly

83.7460, 72.1032, -73.4452

Deuteranomaly

83.8140, 62.2097, -73.5049

Tritanomaly

82.4170, 44.1644, -72.2797

Monochromacy



Original Color

81.9000, 85.3383, -71.8263

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9730, 31.0723, -26.2863

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9000, 85.3383, -71.8263 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, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 255)  
}
```

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, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 255) }
```

Border

The CSS property to change the border of an element to YUV 81.9000, 85.3383, -71.8263 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, 90, 255) }
```

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

```
.border{ border-color:rgb(0, 90, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 255)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.9000, 85.3383, -71.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 255) }
```

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

```
.background{ background-color: rgb(0, 90,  
255) }
```

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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