

Converting Colors

YUV(91.8790, 80.4187,
-80.5779)

Have a look what the booklet for
YUV(91.8790, 80.4187, -80.5779)
contains.

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Color

**YUV(91.8790, 80.4187,
-80.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	006BFF
RGB	0, 107, 255
RGB Percent	0%, 42%, 100%
CMY	1.0000, 0.5804, 0.0000
CMYK	1.00, 0.58, 0.00, 0.00
HSL	215°, 100%, 50%
HSV	215°, 100%, 100%
XYZ	23.3077, 17.7354, 96.8026
YIQ	91.8790, -111.2800, 23.3440

Conversions

Conversions Part 2

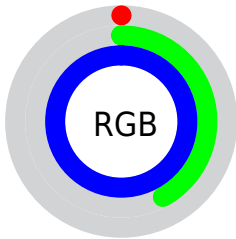
Format	Color
R _{YB}	0, 75, 255
Decimal	27647
CIE _{Lab}	49.17, 32.04, -79.94
CIE _{LCh}	49, 86.125, 291.840
Yxy	17.7354, 0.1691, 0.1287
Android (android.graphics.Color)	4278217727 (0xFF006BFF)
YUV	91.8790, 80.4187, -80.5779
Hunter-Lab	42.1134, 25.0925, -106.8056

Details

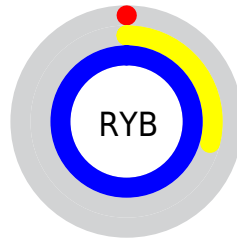
The YUV color **91.8790, 80.4187, -80.5779** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **163.1210, -80.4187, 80.5779**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9020, 48.8553, -36.7481**, and **58.2650, 68.3964, -51.0984** is the 20% darker color. If you saturate the color by 10%, you get **91.8790, 80.4187, -80.5779**, and if you desaturate by 10%, it is **108.1590, 72.3926, -72.9304**.

Distribution



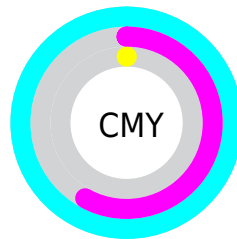
- Red (0%)
- Green (42%)
- Blue (100%)



- Red (0%)
- Yellow (29%)
- Blue (100%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.8790, 80.4187, -80.5779 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 91.8790, 80.4187, -80.5779 by changing the saturation by 10% instead.

■ 91.8790, 80.4187,
-80.5779

■ 91.8790, 80.4187,
-80.5779

255.0000, 0.0000,
0.0000

■ 74.4850, 74.6969,
-65.3233

■ 155.9020, 48.8553,
-36.7481

■ 58.2650, 68.3964,
-51.0984

■ 181.3300, 36.3193,
-29.2304

■ 43.3330, 61.9538,
-38.0030

■ 207.6330, 23.3519,
-23.3571

■ 30.2760, 55.0799,
-26.5521

■ 233.6370, 10.5320,
-18.0986

■ 13.1100, 50.2318,
-11.4975

■ 252.0100, 1.4741,
-6.1478

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 91.8790, 80.4187,
-80.5779

■ 108.1590, 72.3926,
-72.9304

■ 124.7380, 64.2192,
-64.6682

■ 140.7300, 56.3351,
-55.8912

■ 157.0100, 48.3091,
-48.2438

■ 173.5890, 40.1356,
-39.9816

■ 189.8690, 32.1096,
-32.3341

■ 206.4480, 23.9361,
-24.0719

■ 222.1410, 16.1995,
-15.9097

■ 238.7200, 8.0260,
-7.6474

Harmonies

Analogous

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



107.1410, 72.8945, -93.9627



91.8790, 80.4187, -80.5779



113.7520, 46.9573, 58.9765

Triad

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



91.8790, 80.4187, -80.5779



102.4070, -50.4867, 93.4821



95.8310, -0.9027, -84.0438

Complementary

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



91.8790, 80.4187, -80.5779



163.1210, -80.4187, 80.5779

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.



82.1800, -40.5147, -72.0719



91.8790, 80.4187, -80.5779



110.3500, -54.4025, 42.6661

Square

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



91.8790, 80.4187, -80.5779



78.6150, -5.2332, 138.9036



102.9320, -50.7455, -10.4644



105.6690, 31.7152, -92.6717

Rectangle

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



91.8790, 80.4187, -80.5779



84.7750, 39.0579, 119.4693



102.9320, -50.7455, -10.4644



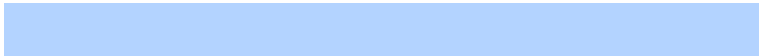
92.2800, -11.9700, -80.9296

Sweetspot

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



91.8790, 80.4187, -80.5779



206.4480, 23.9361, -24.0719



166.1010, -10.8958, -145.6706



98.3970, 14.5943, -14.3802



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.



91.8790, 80.4187, -80.5779



34.1530, 108.8776, -15.0432



119.4170, 4.2314, -3.8737



68.7340, 60.2771, -60.2797



23.1450, 20.1415, -20.2982

Inverse Universe

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



88.4430, 9.1486, 146.0705



220.8470, -108.8776, 15.0432



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 91.8790, 80.4187, -80.5779 looks on a white background.

Color Contrast Check

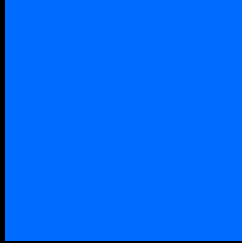
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.8790, 80.4187, -80.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

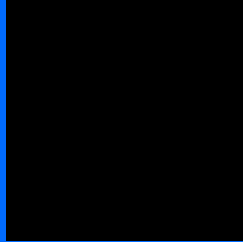
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

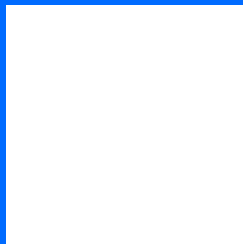
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 91.8790, 80.4187, -80.5779

Background



This preview shows how black text looks on a background with the YUV color 91.8790, 80.4187, -80.5779.



This preview shows how white text looks on a background with the YUV color 91.8790, 80.4187, -80.5779.

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

92.7620, 71.1093, -81.3523

Deuteranopia

93.1090, 54.6693, -81.6566

Tritanopia

91.3410, 22.5099, -80.1061

Trichromacy



Protanomaly

92.3860, 74.7457, -81.0225

Deuteranomaly

92.9270, 64.1260, -81.4970

Tritanomaly

91.5470, 43.6073, -80.2867

Monochromacy



Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7940, 29.1886, -28.7603

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.8790, 80.4187, -80.5779 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, 107, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 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, 107, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 255) }
```

Border

The CSS property to change the border of an element to YUV 91.8790, 80.4187, -80.5779 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, 107, 255) }
```

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

```
.border{ border-color:rgb(0, 107, 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, 107, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 91.8790, 80.4187, -80.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 255) }
```

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

```
.background{ background-color: rgb(0, 107,  
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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