

Converting Colors

YUV(76.6170, 87.9428,
-67.1931)

Have a look what the booklet for
YUV(76.6170, 87.9428, -67.1931)
contains.

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Color

**YUV(76.6170, 87.9428,
-67.1931)**

Conversions

Conversions Part 1

Format	Color
Hex	0051FF
RGB	0, 81, 255
RGB Percent	0%, 32%, 100%
CMY	1.0000, 0.6824, 0.0000
CMYK	1.00, 0.68, 0.00, 0.00
HSL	221°, 100%, 50%
HSV	221°, 100%, 100%
XYZ	20.9924, 13.1049, 96.0308
YIQ	76.6170, -104.1300, 36.9420

Conversions

Conversions Part 2

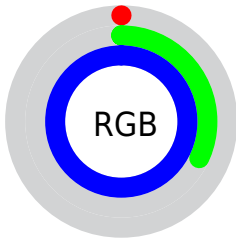
Format	Color
<code>RYB</code>	<code>0, 61, 255</code>
Decimal	<code>20991</code>
CIELab	<code>42.92, 48.27, -90.21</code>
CIELCh	<code>43, 102.312, 298.148</code>
Yxy	<code>13.1049, 0.1613, 0.1007</code>
Android (<code>android.graphics.Color</code>)	<code>4278211071 (0xFF0051FF)</code>
YUV	<code>76.6170, 87.9428, -67.1931</code>
Hunter-Lab	<code>36.2006, 40.1595, -131.9404</code>

Details

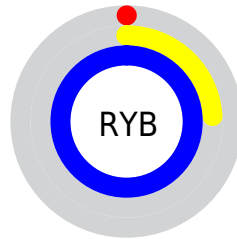
The YUV color **76.6170, 87.9428, -67.1931** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **178.3830, -87.9428, 67.1931**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0640, 56.6634, -21.1041**, and **44.1770, 75.3417, -38.7432** is the 20% darker color. If you saturate the color by 10%, you get **76.6170, 87.9428, -67.1931**, and if you desaturate by 10%, it is **94.0710, 79.3380, -60.5753**.

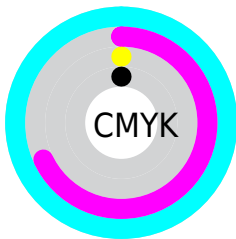
Distribution



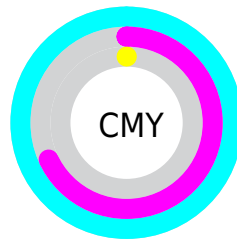
- Red (0%)
- Green (32%)
- Blue (100%)



- Red (0%)
- Yellow (24%)
- Blue (100%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.6170, 87.9428, -67.1931 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 76.6170, 87.9428, -67.1931 by changing the saturation by 10% instead.

■ 76.6170, 87.9428,
-67.1931

■ 76.6170, 87.9428,
-67.1931

■ 255.0000, 0.0000,
0.0000

■ 59.8100, 81.9317,
-52.4534

■ 140.0640, 56.6634,
-21.1041

■ 44.1770, 75.3417,
-38.7432

■ 165.7910, 43.9800,
-12.9717

■ 30.4190, 68.3204,
-26.6775

■ 191.5070, 31.3020,
-6.5836

■ 16.6610, 61.2991,
-14.6117

■ 217.5110, 18.4821,
-1.3251

■ 17.6920, 47.4798,
-15.5159

■ 243.8140, 5.5147,
4.5481

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 76.6170, 87.9428,
-67.1931

■ 94.0710, 79.3380,
-60.5753

■ 112.4110, 70.2964,
-53.8574

■ 130.1640, 61.5441,
-46.6248

■ 148.2050, 52.6499,
-40.5218

■ 165.9580, 43.8977,
-33.2892

■ 183.4120, 35.2929,
-26.6713

■ 201.7520, 26.2513,
-19.9535

■ 219.2060, 17.6464,
-13.3357

■ 237.5460, 8.6048,
-6.6178

Harmonies

Analogous

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



97.7490, 77.5247, -85.7259



76.6170, 87.9428, -67.1931



79.1110, 56.1473, 98.1267

Triad

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



76.6170, 87.9428, -67.1931



85.8720, -42.3349, 92.1973



87.6130, 3.1488, -76.8366

Complementary

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



76.6170, 87.9428, -67.1931



178.3830, -87.9428, 67.1931

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.



74.5490, -36.7527, -65.3795



76.6170, 87.9428, -67.1931



95.5100, -47.0864, 29.3707

Square

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



76.6170, 87.9428, -67.1931



72.0760, -21.2365, 138.4993



78.2360, -38.5703, -42.3030



98.0040, 40.4240, -85.9495

Rectangle

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



76.6170, 87.9428, -67.1931



83.7190, 27.2535, 125.6574



78.2360, -38.5703, -42.3030



83.4920, -10.1026, -73.2225

Sweetspot

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



76.6170, 87.9428, -67.1931



201.7520, 26.2513, -19.9535



169.0650, 0.4610, -148.2700



95.4620, 16.0412, -11.8062



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.



76.6170, 87.9428, -67.1931



41.6280, 105.1924, 0.3262



118.8300, 4.5208, -3.3589



57.5810, 65.7756, -50.4985



19.0360, 22.1673, -16.6946

Inverse Universe

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



85.4790, -2.2081, 148.6699



213.0730, -105.0450, -0.9410



119.3430, -0.1691, 7.5922



64.0630, -1.5101, 111.3237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 76.6170, 87.9428, -67.1931 looks on a white background.

Color Contrast Check

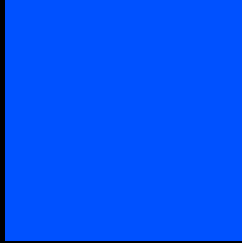
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.6170, 87.9428, -67.1931 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 76.6170, 87.9428, -67.1931

Background



This preview shows how black text looks on a background with the YUV color 76.6170, 87.9428, -67.1931.



This preview shows how white text looks on a background with the YUV color 76.6170, 87.9428, -67.1931.

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

76.6170, 87.9428, -67.1931

Deuteranopia

80.2970, 46.1956, -70.4205

Tritanopia

79.1960, 19.1304, -69.4549

Trichromacy



Original Color

76.6170, 87.9428, -67.1931

Deuteranomaly

78.9070, 61.1778, -69.2014

Tritanomaly

78.4390, 44.1536, -68.7910

Monochromacy



Original Color

76.6170, 87.9428, -67.1931

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.6250, 32.2299, -24.2271

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.6170, 87.9428, -67.1931 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, 81, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 81, 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, 81, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 81, 255) }
```

Border

The CSS property to change the border of an element to YUV 76.6170, 87.9428, -67.1931 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, 81, 255) }
```

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

```
.border{ border-color:rgb(0, 81, 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, 81, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 81, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 81, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 81, 255)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.6170, 87.9428, -67.1931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 81, 255) }
```

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

```
.background{ background-color: rgb(0, 81,  
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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