

Converting Colors

YUV(101.5670, 66.7685,
-89.0743)

Have a look what the booklet for
YUV(101.5670, 66.7685, -89.0743)
contains.

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Color

**YUV(101.5670, 66.7685,
-89.0743)**

Conversions

Conversions Part 1

Format	Color
Hex	007FED
RGB	0, 127, 237
RGB Percent	0%, 50%, 93%
CMY	1.0000, 0.5020, 0.0706
CMYK	1.00, 0.46, 0.00, 0.07
HSL	208°, 100%, 46%
HSV	208°, 100%, 93%
XYZ	22.8754, 21.2932, 83.0251
YIQ	101.5670, -111.0020, 7.2860

Conversions

Conversions Part 2

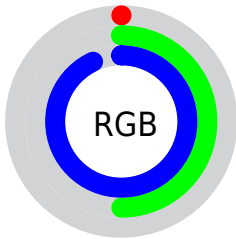
Format	Color
RYB	0, 83, 237
Decimal	32749
CIELab	53.27, 12.44, -63.29
CIElCh	53, 64.500, 281.122
Yxy	21.2932, 0.1798, 0.1674
Android (android.graphics.Color)	4278222829 (0xFF007FED)
YUV	101.5670, 66.7685, -89.0743
Hunter-Lab	46.1445, 7.7357, -74.3758

Details

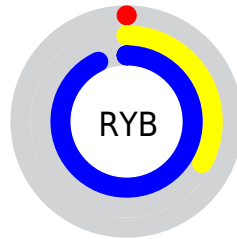
The YUV color **101.5670, 66.7685, -89.0743** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **135.4330, -66.7685, 89.0743**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1360, 43.8100, -51.8623**, and **66.8930, 55.7618, -58.6652** is the 20% darker color. If you saturate the color by 10%, you get **101.5670, 66.7685, -89.0743**, and if you desaturate by 10%, it is **115.2000, 60.0474, -79.9824**.

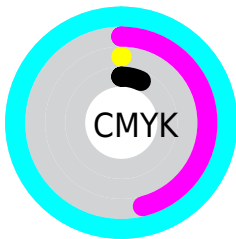
Distribution



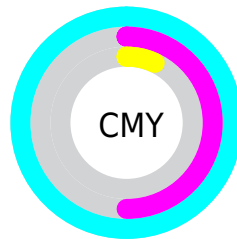
- Red (0%)
- Green (50%)
- Blue (93%)



- Red (0%)
- Yellow (33%)
- Blue (93%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (50%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.5670, 66.7685, -89.0743 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 101.5670, 66.7685, -89.0743 by changing the saturation by 10% instead.

■ 101.5670, 66.7685,
-89.0743

■ 101.5670, 66.7685,
-89.0743

255.0000, 0.0000,
0.0000

■ 83.5860, 61.3361,
-73.3049

■ 166.1360, 43.8100,
-51.8623

■ 66.8930, 55.7618,
-58.6652

■ 192.1510, 30.9846,
-44.8594

■ 50.9010, 50.3348,
-44.6402

■ 218.1550, 18.1646,
-39.6009

■ 36.0830, 44.3291,
-31.6448

■ 239.7510, 7.5178,
-31.3536

■ 21.4930, 39.1970,
-18.8494

■ 249.3190, 2.8007,
-11.6808

■ 13.9470, 30.5921,
-12.2315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 101.5670, 66.7685,
-89.0743

■ 115.2000, 60.0474,
-79.9824

■ 128.5340, 53.4737,
-71.5053

■ 142.1670, 46.7527,
-62.4135

■ 155.8000, 40.0316,
-53.3216

■ 169.1340, 33.4579,
-44.8445

■ 182.7670, 26.7369,
-35.7527

■ 196.4000, 20.0158,
-26.6608

■ 210.0330, 13.2947,
-17.5689

■ 223.3670, 6.7211,
-9.0919

Harmonies

Analogous

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



110.5030, 60.3910, -96.9111



101.5670, 66.7685, -89.0743



130.3870, 40.2352, 21.5856

Triad

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



101.5670, 66.7685, -89.0743



120.8520, -31.9720, 81.6908



98.1960, -4.5336, -86.1179

Complementary

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



101.5670, 66.7685, -89.0743



135.4330, -66.7685, 89.0743

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.



109.5190, -37.7239, -33.7812



101.5670, 66.7685, -89.0743



119.2760, -58.8031, 54.1319

Square

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



101.5670, 66.7685, -89.0743



119.9160, -5.3816, 93.0357



116.9630, -57.6628, 14.9414



106.5690, 19.9325, -93.4610

Rectangle

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



101.5670, 66.7685, -89.0743



128.3610, 26.4440, 58.4424



116.9630, -57.6628, 14.9414



95.4430, -12.5434, -83.7035

Sweetspot

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



101.5670, 66.7685, -89.0743



211.1440, 21.6210, -28.1903



151.3170, -21.8483, -132.7050



101.3320, 13.1473, -16.9542



0.0000, 0.0000, 0.0000



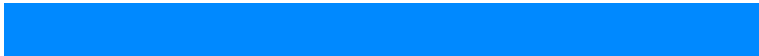
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



101.5670, 66.7685, -89.0743



109.4890, 71.7369, -96.0219



34.0620, 100.0484, -29.8724



110.7760, 3.0684, -4.1886



77.5730, 50.9895, -68.0315



23.1790, 15.1948, -20.3280

Inverse Universe

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



85.3410, 20.5379, 133.0049



91.8630, 22.2525, 143.0711



202.9380, -100.0484, 29.8724



109.9730, 0.9993, 6.1627



65.1770, 15.6887, 101.5768



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 101.5670, 66.7685, -89.0743 looks on a white background.

Color Contrast Check

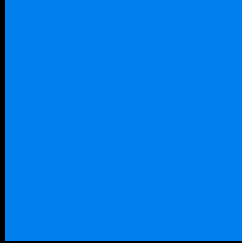
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 101.5670, 66.7685, -89.0743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

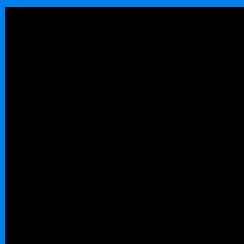
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

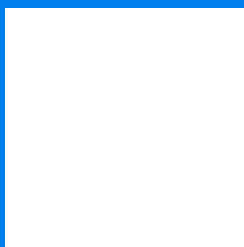
Any Text WCAG AAA × Fail

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

YUV 101.5670, 66.7685, -89.0743 Background



This preview shows how black text looks on a background with the YUV color 101.5670, 66.7685, -89.0743.



This preview shows how white text looks on a background with the YUV color 101.5670, 66.7685, -89.0743.

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

119.9920, 55.7129, -42.9660

Deuteranopia

101.6010, 61.8217, -89.1041

Tritanopia

99.8670, 24.7156, -87.5834

Trichromacy



Protanomaly

112.9190, 59.6929, -59.5650

Deuteranomaly

101.4700, 63.8583, -88.9892

Tritanomaly

100.5800, 40.1401, -88.2087

Monochromacy



Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.8060, 24.2526, -32.2789

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.5670, 66.7685, -89.0743 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, 127, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 127, 237)  
}
```

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, 127, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 127, 237) }
```

Border

The CSS property to change the border of an element to YUV 101.5670, 66.7685, -89.0743 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, 127, 237) }
```

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

```
.border{ border-color:rgb(0, 127, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 127, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 127, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 127, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 127,  
237) }
```


Background

The CSS property to change the background color of an element to YUV 101.5670, 66.7685, -89.0743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 127, 237) }
```

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

```
.background{ background-color: rgb(0, 127,  
237) }
```

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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