

Converting Colors

YUV(50.9880, 88.7459,
-44.7165)

Have a look what the booklet for
YUV(50.9880, 88.7459, -44.7165)
contains.

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Color

**YUV(50.9880, 88.7459,
-44.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	002AE7
RGB	0, 42, 231
RGB Percent	0%, 16%, 91%
CMY	1.0000, 0.8353, 0.0941
CMYK	1.00, 0.82, 0.00, 0.09
HSL	229°, 100%, 45%
HSV	229°, 100%, 91%
XYZ	15.2518, 7.4255, 76.2307
YIQ	50.9880, -85.7010, 49.8750

Conversions

Conversions Part 2

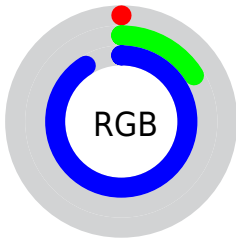
Format	Color
RYB	0, 36, 231
Decimal	10983
CIELab	32.76, 61.55, -93.53
CIELCh	33, 111.962, 303.348
Yxy	7.4255, 0.1542, 0.0751
Android (android.graphics.Color)	4278201063 (0xFF002AE7)
YUV	50.9880, 88.7459, -44.7165
Hunter-Lab	27.2497, 52.2203, -146.7884

Details

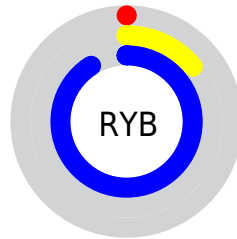
The YUV color **50.9880, 88.7459, -44.7165** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **180.0120, -88.7459, 44.7165**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.5620, 68.2499, -4.0009**, and **19.8360, 76.0029, -17.3962** is the 20% darker color. If you saturate the color by 10%, you get **50.9880, 88.7459, -44.7165**, and if you desaturate by 10%, it is **69.0180, 79.8571, -40.3578**.

Distribution



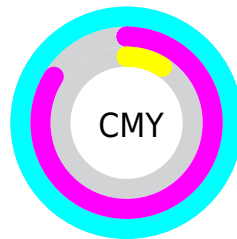
- Red (0%)
- Green (16%)
- Blue (91%)



- Red (0%)
- Yellow (14%)
- Blue (91%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (84%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9880, 88.7459, -44.7165 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 50.9880, 88.7459, -44.7165 by changing the saturation by 10% instead.

■ 50.9880, 88.7459,
-44.7165

■ 50.9880, 88.7459,
-44.7165

■ 255.0000, 0.0000,
0.0000

■ 32.4200, 83.6029,
-28.4323

■ 116.5620, 68.2499,
-4.0009

■ 19.8360, 76.0029,
-17.3962

■ 142.2890, 55.5665,
4.1315

■ 16.6440, 63.7725,
-14.5968

■ 167.1190, 43.3253,
10.4196

■ 13.5660, 51.9790,
-11.8974

■ 192.8350, 30.6473,
16.8077

■ 18.8200, 36.5707,
-16.5051

■ 218.8390, 17.8274,
22.0662

■ 12.4480, 27.3871,
-10.9169

■ 239.1510, 7.8136,

■ 6.8910, 18.7877,

13.8996

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 50.9880, 88.7459,
-44.7165

■ 69.0180, 79.8571,
-40.3578

■ 87.0480, 70.9683,
-35.9991

■ 105.0780, 62.0795,
-31.6404

■ 123.1080, 53.1908,
-27.2817

■ 140.8500, 44.4440,
-21.7934

■ 158.8800, 35.5552,
-17.4348

■ 176.9100, 26.6664,
-13.0761

■ 194.9400, 17.7776,
-8.7174

■ 212.9700, 8.8888,
-4.3587

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



50.9880, 88.7459, -44.7165



71.9460, 42.9176, 94.7634

Triad

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



50.9880, 88.7459, -44.7165



60.1340, -29.6461, 82.3205



70.2650, 7.7574, -61.6224

Complementary

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



50.9880, 88.7459, -44.7165



180.0120, -88.7459, 44.7165

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.



59.2870, -29.2285, -51.9947



50.9880, 88.7459, -44.7165



71.5000, -35.2495, 12.7165

Square

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



50.9880, 88.7459, -44.7165



59.8000, -29.4814, 122.9554



55.7650, -27.4921, -48.9059



82.1720, 45.7642, -72.0648

Rectangle

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



50.9880, 88.7459, -44.7165



74.3040, 13.1611, 119.0054



55.7650, -27.4921, -48.9059



66.0300, -5.9308, -57.9083

Sweetspot

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



50.9880, 88.7459, -44.7165



195.2950, 29.4346, -14.2907



157.1430, 15.7055, -137.8144



91.9400, 17.7776, -8.7174



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.



50.9880, 88.7459, -44.7165



56.0720, 98.0715, -49.1751



48.1610, 90.1396, 21.7838



105.5420, 4.6628, -2.2293



39.1900, 68.9263, -34.3696



11.0970, 19.6722, -9.7321

Inverse Universe

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



73.8570, -15.7055, 137.8144



81.4890, -17.4961, 152.1691



182.8390, -90.1396, -21.7838



106.8160, -0.8953, 7.1774



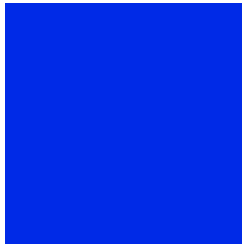
57.1690, -12.4083, 106.8458



16.2750, -3.5866, 30.4538

Previews

White Background



This preview shows how the YUV color 50.9880, 88.7459, -44.7165 looks on a white background.

Color Contrast Check

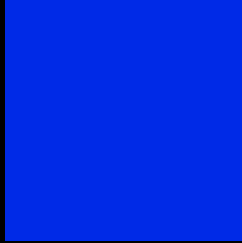
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 50.9880, 88.7459, -44.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

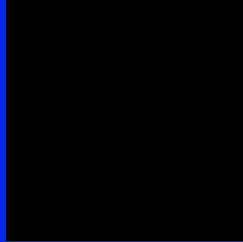
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.9880, 88.7459, -44.7165

Background



This preview shows how black text looks on a background with the YUV color 50.9880, 88.7459, -44.7165.



This preview shows how white text looks on a background with the YUV color 50.9880, 88.7459, -44.7165.

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

61.2220, 46.7256, -53.6917

Deuteranopia

61.4210, 34.7954, -53.8662

Tritanopia

60.0410, 14.2768, -52.6560

Trichromacy



Protanomaly

57.2560, 61.9918, -50.2135

Deuteranomaly

57.8940, 54.2823, -50.7730

Tritanomaly

56.5770, 41.6205, -49.6180

Monochromacy



Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9680, 32.0608, -16.6349

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9880, 88.7459, -44.7165 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, 42, 231)` looks like.

```
.text, #text, p{  
    color:rgb(0, 42, 231)  
}
```

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, 42, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 42, 231) }
```

Border

The CSS property to change the border of an element to YUV 50.9880, 88.7459, -44.7165 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, 42, 231) }
```

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

```
.border{ border-color:rgb(0, 42, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 42, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 42, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 42, 231);  
box-shadow:4px 4px 4px 4px rgb(0, 42, 231)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.9880, 88.7459, -44.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 42, 231) }
```

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

```
.background{ background-color: rgb(0, 42,  
231) }
```

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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