

Converting Colors

YUV(50.8780, 95.7021,
-35.8500)

Have a look what the booklet for
YUV(50.8780, 95.7021, -35.8500)
contains.

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Color

**YUV(50.8780, 95.7021,
-35.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	0A22F5
RGB	10, 34, 245
RGB Percent	4%, 13%, 96%
CMY	0.9608, 0.8667, 0.0392
CMYK	0.96, 0.86, 0.00, 0.04
HSL	234°, 92%, 50%
HSV	234°, 96%, 96%
XYZ	17.1786, 7.8012, 86.9866
YIQ	50.8780, -82.0350, 60.5330

Conversions

Conversions Part 2

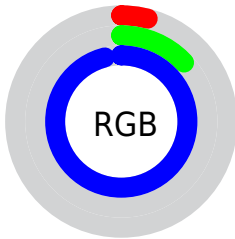
Format	Color
R _Y B	10, 32, 245
Decimal	664309
CIE Lab	33.57, 69.05, -100.12
CIE LCh	34, 121.624, 304.594
Yxy	7.8012, 0.1534, 0.0697
Android (android.graphics.Color)	4278854389 (0xFF0A22F5)
YUV	50.8780, 95.7021, -35.8500
Hunter-Lab	27.9306, 60.9076, -165.1007

Details

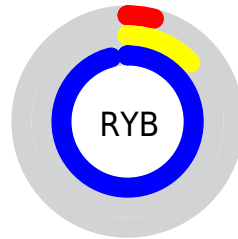
The YUV color **50.8780, 95.7021, -35.8500** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark saturated blue. A complement of this color would be **204.1220, -95.7021, 35.8500**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.4210, 68.8124, 2.2618**, and **21.3180, 81.6812, -18.6959** is the 20% darker color. If you saturate the color by 10%, you get **42.6050, 99.7807, -37.3646**, and if you desaturate by 10%, it is **70.9680, 85.7978, -32.4209**.

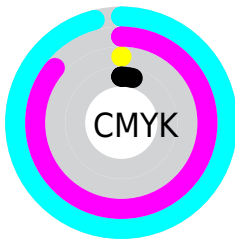
Distribution



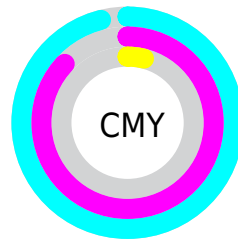
- Red (4%)
- Green (13%)
- Blue (96%)



- Red (4%)
- Yellow (13%)
- Blue (96%)



- Cyan (96%)
- Magenta (86%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (87%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8780, 95.7021, -35.8500 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 50.8780, 95.7021, -35.8500 by changing the saturation by 10% instead.

■ 50.8780, 95.7021,
-35.8500

■ 50.8780, 95.7021,
-35.8500

■ 255.0000, 0.0000,
0.0000

■ 24.6240, 94.3484,
-21.5952

■ 115.4210, 68.8124,
2.2618

■ 21.3180, 81.6812,
-18.6959

■ 141.1480, 56.1290,
10.3942

■ 18.1260, 69.4509,
-15.8965

■ 167.1630, 43.3036,
17.3970

■ 14.9340, 57.2205,
-13.0971

■ 192.8790, 30.6257,
23.7851

■ 21.9490, 40.9441,
-19.2493

■ 218.8830, 17.8057,
29.0436

■ 14.9900, 32.0499,
-13.1462

■ 236.8030, 8.9711,

■ 9.3190, 23.0137,

15.9588

-8.1728

253.8260, 0.5788,
1.0296

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 50.8780, 95.7021,
-35.8500

■ 50.8780, 95.7021,
-35.8500

■ 42.6050, 99.7807,
-37.3646

■ 70.9680, 85.7978,
-32.4209

■ 91.3570, 75.7460,
-28.3771

■ 111.7460, 65.6942,
-24.3332

■ 131.8360, 55.7899,
-20.9042

■ 151.9260, 45.8855,
-17.4751

■ 172.3150, 35.8337,
-13.4313

■ 192.7040, 25.7819,
-9.3874

■ 212.7940, 15.8776,
-5.9583

■ 233.1830, 5.8258,
-1.9145

Harmonies

Analogous

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



84.8350, 83.8913, -74.4003



50.8780, 95.7021, -35.8500



76.7020, 43.0379, 102.8703

Triad

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



50.8780, 95.7021, -35.8500



60.1560, -29.6569, 85.8092



73.4110, 9.6574, -64.3814

Complementary

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



50.8780, 95.7021, -35.8500



204.1220, -95.7021, 35.8500

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.



61.0480, -30.0967, -53.5391



50.8780, 95.7021, -35.8500



73.2500, -36.1123, 9.4277

Square

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



50.8780, 95.7021, -35.8500



62.7900, -30.9555, 129.1032



58.1130, -28.6497, -50.9651



86.2300, 51.1586, -75.6237

Rectangle

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



50.8780, 95.7021, -35.8500



78.4900, 11.0974, 127.6123



58.1130, -28.6497, -50.9651



68.8340, -5.3412, -60.3674

Sweetspot

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



50.8780, 95.7021, -35.8500



194.1320, 30.0079, -11.5168



171.6570, 22.8471, -141.7732



90.4780, 18.4983, -6.5582



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.



50.8780, 95.7021, -35.8500



44.3320, 103.8593, -38.8792



63.7000, 89.3809, 31.8351



111.9550, 4.9522, -1.7145



32.3570, 75.7460, -28.3771



10.2480, 24.0347, -8.9875

Inverse Universe

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



83.0010, -24.1575, 142.0731



79.2090, -26.2320, 154.1687



191.3000, -89.3809, -31.8351



113.7020, -1.3321, 7.2773



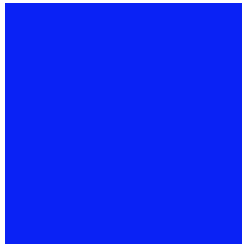
57.7800, -19.1185, 112.4489



18.3250, -6.0762, 35.6720

Previews

White Background



This preview shows how the YUV color 50.8780, 95.7021, -35.8500 looks on a white background.

Color Contrast Check

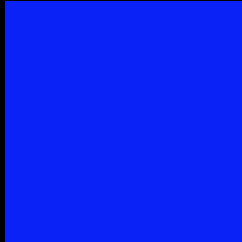
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.8780, 95.7021, -35.8500 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 50.8780, 95.7021, -35.8500

Background



This preview shows how black text looks on a background with the YUV color 50.8780, 95.7021, -35.8500.



This preview shows how white text looks on a background with the YUV color 50.8780, 95.7021,

-35.8500.

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

50.8780, 95.7021, -35.8500

Protanopia

62.7380, 47.4572, -55.0212

Deuteranopia

62.9370, 35.5271, -55.1957



Tritanopia

61.4430, 14.5716, -53.8855

Trichromacy



Original Color

50.8780, 95.7021, -35.8500

Protanomaly

58.6630, 64.7491, -47.9395

Deuteranomaly

58.7140, 57.3290, -47.9842

Tritanomaly

57.8700, 43.9411, -47.2440

Monochromacy



Original Color

50.8780, 95.7021, -35.8500

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0870, 34.9601, -13.2313

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8780, 95.7021, -35.8500 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(10, 34, 245)` looks like.

```
.text, #text, p{  
    color:rgb(10, 34, 245)  
}
```

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(10, 34, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 34, 245) }
```

Border

The CSS property to change the border of an element to YUV 50.8780, 95.7021, -35.8500 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(10, 34, 245) }
```


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

```
.border{ border-color:rgb(10, 34, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 34, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 34, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 34, 245);  
box-shadow:4px 4px 4px 4px rgb(10, 34,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 50.8780, 95.7021, -35.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 34, 245) }
```

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

```
.background{ background-color: rgb(10, 34,  
245) }
```

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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