

# Converting Colors

YUV(58.2590, 94.5283,  
-32.6761)

Have a look what the booklet for  
YUV(58.2590, 94.5283, -32.6761)  
contains.

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# Color

**YUV(58.2590, 94.5283,  
-32.6761)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1528FA
RGB	21, 40, 250
RGB Percent	8%, 16%, 98%
CMY	0.9176, 0.8431, 0.0196
CMYK	0.92, 0.84, 0.00, 0.02
HSL	235°, 96%, 53%
HSV	235°, 92%, 98%
XYZ	18.3234, 8.5791, 91.1327
YIQ	58.2590, -78.7340, 61.2820

# Conversions

## Conversions Part 2

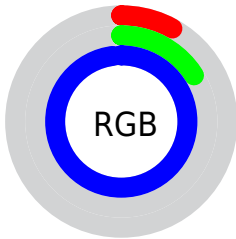
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 39, 250
Decimal	1386746
CIE <sub>Lab</sub>	35.16, 68.32, -100.27
CIE <sub>LCh</sub>	35, 121.335, 304.268
Yxy	8.5791, 0.1552, 0.0727
Android (android.graphics.Color)	4279576826 (0xFF1528FA)
YUV	58.2590, 94.5283, -32.6761
Hunter-Lab	29.2902, 60.4084, -163.9702

# Details

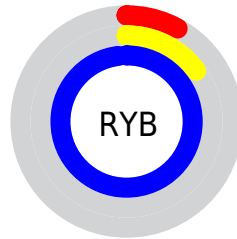
The YUV color **58.2590, 94.5283, -32.6761** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **212.7410, -94.5283, 32.6761**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2530, 66.9233, 1.5321**, and **21.8880, 83.8652, -19.1958** is the 20% darker color. If you saturate the color by 10%, you get **40.8270, 103.1223, -35.8053**, and if you desaturate by 10%, it is **79.2350, 84.1871, -29.1471**.

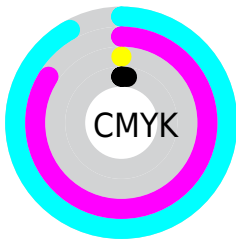
# Distribution



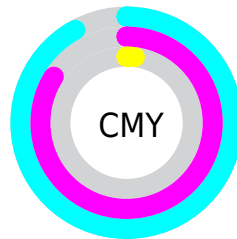
- Red (8%)
- Green (16%)
- Blue (98%)



- Red (8%)
- Yellow (15%)
- Blue (98%)



- Cyan (92%)
- Magenta (84%)
- Yellow (0%)
- Black (2%)



- Cyan (92%)
- Magenta (84%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 58.2590, 94.5283, -32.6761 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 58.2590, 94.5283, -32.6761 by changing the saturation by 10% instead.



■ 58.2590, 94.5283,  
-32.6761

■ 58.2590, 94.5283,  
-32.6761

255.0000, 0.0000,  
0.0000

■ 30.4770, 93.9278,  
-26.7283

■ 119.2530, 66.9233,  
1.5321

■ 21.8880, 83.8652,  
-19.1958

■ 144.9800, 54.2399,  
9.6645

■ 18.5820, 71.1981,  
-16.2964

■ 170.9950, 41.4145,  
16.6674

■ 15.5040, 59.4045,  
-13.5970

■ 197.2980, 28.4471,  
22.5407

■ 21.8180, 42.9807,  
-19.1344

■ 223.3020, 15.6271,  
27.7991

■ 16.0330, 33.5077,  
-14.0609

■ 239.7380, 7.5242,

■ 10.3620, 24.4715,

13.3848

-9.0875

■ 5.3920, 15.5827,  
-4.7288

■ 2.1830, 5.8258,  
-1.9145

■ 58.2590, 94.5283,  
-32.6761

■ 58.2590, 94.5283,  
-32.6761

■ 40.8270, 103.1223,  
-35.8053

■ 79.2350, 84.1871,  
-29.1471

■ 100.2110, 73.8460,  
-25.6180

■ 121.1870, 63.5048,  
-22.0890

■ 142.1630, 53.1636,  
-18.5600

■ 163.1390, 42.8225,  
-15.0309

■ 184.1150, 32.4813,  
-11.5019

■ 204.5040, 22.4295,  
-7.4580

■ 225.4800, 12.0884,  
-3.9290

■ 246.4560, 1.7472,  
-0.3999

# Harmonies

## Analogous

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



87.1830, 82.7338, -76.4595



58.2590, 94.5283, -32.6761



78.5820, 45.0691, 104.7296

# Triad

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



58.2590, 94.5283, -32.6761



64.8850, -31.9883, 86.9239



75.9870, 9.3734, -66.6406

# Complementary

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



58.2590, 94.5283, -32.6761



212.7410, -94.5283, 32.6761

# 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.



63.3960, -31.2542, -55.5983



58.2590, 94.5283, -32.6761



76.8050, -37.8649, 11.5720

# Square

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



58.2590, 94.5283, -32.6761



64.2850, -31.6925, 132.1771



60.4610, -29.8073, -53.0243



88.9200, 51.3114, -77.9828



# Rectangle

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



58.2590, 94.5283, -32.6761



80.2560, 12.6918, 129.5715



60.4610, -29.8073, -53.0243



71.5240, -5.1883, -62.7265

# Sweetspot

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



58.2590, 94.5283, -32.6761



197.3880, 28.4027, -9.9873



179.3630, 25.4570, -138.8844



93.4350, 17.0405, -5.6435



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.



58.2590, 94.5283, -32.6761



41.3970, 105.3063, -36.3052



75.5110, 86.0231, 35.5089



114.0690, 5.3890, -1.8145



30.9380, 77.9246, -27.1326



9.8890, 25.1977, -8.6727



# Inverse Universe

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



91.6370, -25.4570, 138.8844



78.6390, -28.4160, 154.6686



195.4890, -86.0231, -35.5089



116.0010, -1.4795, 7.8921



58.3350, -20.8712, 114.5932

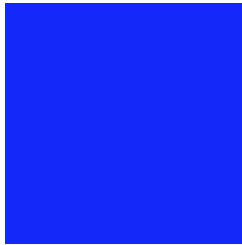


18.8090, -6.8078, 37.0015



# Previews

## White Background



This preview shows how the YUV color 58.2590, 94.5283, -32.6761 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

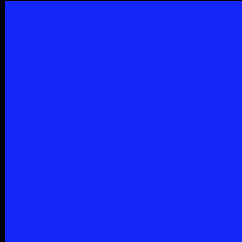
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 58.2590, 94.5283, -32.6761 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 58.2590, 94.5283, -32.6761

## Background



This preview shows how black text looks on a background with the YUV color 58.2590, 94.5283, -32.6761.



This preview shows how white text looks on a background with the YUV color 58.2590, 94.5283, -32.6761.

-32.6761.

# 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

58.2590, 94.5283, -32.6761

### Protanopia

65.2970, 49.6466, -57.2655

### Tritanopia

64.2470, 15.1612, -56.3446

# Trichromacy



## Original Color

58.2590, 94.5283, -32.6761

## Protanomaly

63.0050, 66.0595, -48.2394

## Tritanomaly

61.8700, 43.9411, -47.2440

# Monochromacy



## Original Color

58.2590, 94.5283, -32.6761

## Achromatopsia

58.0000, 0.0000, 0.0000

## Achromatomaly

57.9840, 34.5179, -11.3870

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 58.2590, 94.5283, -32.6761 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(21, 40, 250)` looks like.

```
.text, #text, p{  
    color:rgb(21, 40, 250)  
}
```

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(21, 40, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 40, 250) }
```

## Border

The CSS property to change the border of an element to YUV 58.2590, 94.5283, -32.6761 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(21, 40, 250) }
```

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

```
.border{ border-color:rgb(21, 40, 250) }
```

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

Here you see how a box with a 4 pixel rgb(21, 40, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 40, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 40, 250);  
box-shadow:4px 4px 4px 4px rgb(21, 40,  
250) }
```



# Background

The CSS property to change the background color of an element to YUV 58.2590, 94.5283, -32.6761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 40, 250) }
```

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

```
.background{ background-color: rgb(21, 40,  
250) }
```

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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