

Converting Colors

YUV(133.8250, 58.7533,
-84.9155)

Have a look what the booklet for
YUV(133.8250, 58.7533, -84.9155)
contains.

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Color

**YUV(133.8250, 58.7533,
-84.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	25A0FD
RGB	37, 160, 253
RGB Percent	15%, 63%, 99%
CMY	0.8549, 0.3725, 0.0078
CMYK	0.85, 0.37, 0.00, 0.01
HSL	206°, 98%, 57%
HSV	206°, 85%, 99%
XYZ	31.0634, 32.6268, 97.5889
YIQ	133.8250, -103.1610, 2.8470

Conversions

Conversions Part 2

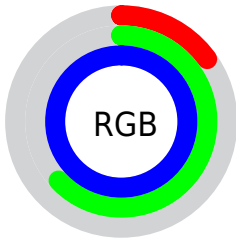
Format	Color
R _Y B	37, 115, 253
Decimal	2466045
CIE Lab	63.86, 0.19, -55.15
CIE LCh	64, 55.146, 270.202
Yxy	32.6268, 0.1926, 0.2023
Android (android.graphics.Color)	4280656125 (0xFF25A0FD)
YUV	133.8250, 58.7533, -84.9155
Hunter-Lab	57.1199, -2.8864, -61.3127

Details

The YUV color **133.8250, 58.7533, -84.9155** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **156.1750, -58.7533, 84.9155**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8670, 31.6176, -61.2734**, and **86.3270, 54.0688, -75.7088** is the 20% darker color. If you saturate the color by 10%, you get **119.8930, 65.6218, -94.6222**, and if you desaturate by 10%, it is **147.7570, 51.8848, -75.2089**.

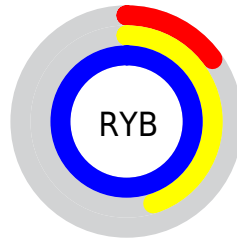
Distribution



Red (15%)

Green (63%)

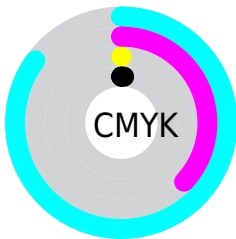
Blue (99%)



Red (15%)

Yellow (45%)

Blue (99%)

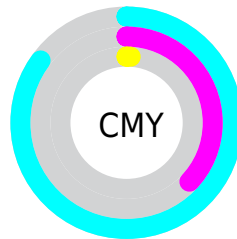


Cyan (85%)

Magenta (37%)

Yellow (0%)

Black (1%)



Cyan (85%)

Magenta (37%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8250, 58.7533, -84.9155 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 133.8250, 58.7533, -84.9155 by changing the saturation by 10% instead.

■ 133.8250, 58.7533,
-84.9155

■ 133.8250, 58.7533,
-84.9155

■ 255.0000, 0.0000,
0.0000

■ 104.1940, 59.0644,
-91.3781

■ 190.8670, 31.6176,
-61.2734

■ 86.3270, 54.0688,
-75.7088

■ 217.7570, 18.3608,
-55.9149

■ 69.0470, 48.7838,
-60.5542

■ 234.3690, 10.1711,
-42.4196

■ 53.0550, 43.3569,
-46.5292

■ 243.6380, 5.6015,
-23.3615

■ 37.7640, 38.0773,
-33.1190

■ 253.2060, 0.8844,
-3.6887

■ 23.1740, 32.9452,
-20.3236

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 133.8250, 58.7533,
-84.9155

■ 133.8250, 58.7533,
-84.9155

■ 119.8930, 65.6218,
-94.6222

■ 147.7570, 51.8848,
-75.2089

■ 113.3700, 68.8376,
-99.4255

■ 161.9880, 44.8689,
-64.8875

■ 175.9200, 38.0004,
-55.1808

■ 189.8520, 31.1320,
-45.4742

■ 203.4960, 24.4055,
-34.6380

■ 217.4280, 17.5370,
-24.9314

■ 231.3600, 10.6685,
-15.2247

■ 245.2920, 3.8000,
-5.5181

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



128.2100, 54.6195, -112.4402



133.8250, 58.7533, -84.9155



157.3580, 40.7425, -1.1910

Triad

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



133.8250, 58.7533, -84.9155



152.7620, -22.0677, 78.2617



133.1190, -14.3557, -62.3714

Complementary

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



133.8250, 58.7533, -84.9155



156.1750, -58.7533, 84.9155

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.



144.2060, -39.5416, -10.7047



133.8250, 58.7533, -84.9155



152.3040, -41.0689, 59.3694

Square

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



133.8250, 58.7533, -84.9155



155.2990, 0.3456, 76.0368



149.0430, -48.8282, 28.0263



122.5150, 15.0291, -107.4457

Rectangle

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



133.8250, 58.7533, -84.9155



159.4890, 28.8459, 34.6511



149.0430, -48.8282, 28.0263



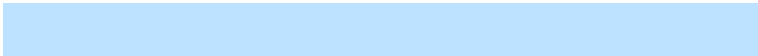
138.6070, -24.4563, -42.6283

Sweetspot

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



133.8250, 58.7533, -84.9155



218.2430, 18.1212, -25.6461



174.0520, -23.1966, -120.1946



105.4740, 11.1053, -15.3247



0.0000, 0.0000, 0.0000



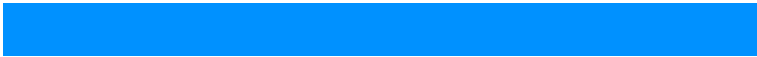
128.0000, 0.0000, 0.0000

Same Dimension

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



133.8250, 58.7533, -84.9155



114.1850, 69.4218, -100.1402



72.1900, 89.1393, -30.8616



120.5910, 3.6526, -4.9033



85.7570, 51.8848, -75.2089



28.4280, 17.5370, -24.9314

Inverse Universe

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



115.6060, 21.8862, 120.4945



92.7750, 25.7469, 142.2713



217.8100, -89.1393, 30.8616



119.6850, 1.1413, 7.2923



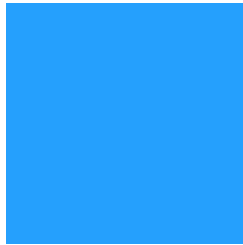
69.5350, 19.4562, 106.5248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 133.8250, 58.7533, -84.9155 looks on a white background.

Color Contrast Check

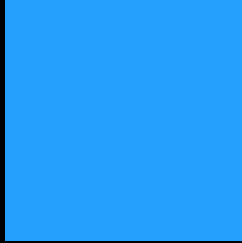
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 133.8250, 58.7533, -84.9155 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 ✓ Pass

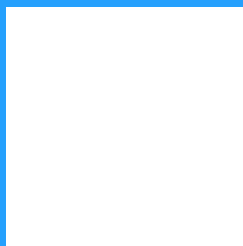
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.8250, 58.7533, -84.9155

Background



This preview shows how black text looks on a background with the YUV color 133.8250, 58.7533, -84.9155.



This preview shows how white text looks on a background with the YUV color 133.8250, 58.7533, -84.9155.

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

133.8250, 58.7533, -84.9155

Protanopia

151.1480, 45.7760, -29.0708

Deuteranopia

145.6660, 53.4087, -50.5731



Tritanopia

121.2390, 30.4482, -106.3266

Trichromacy



Original Color

133.8250, 58.7533, -84.9155

Protanomaly

145.1670, 50.2037, -49.2585

Deuteranomaly

141.1590, 55.6306, -63.2834

Tritanomaly

125.6280, 40.6094, -98.7748

Monochromacy



Original Color

133.8250, 58.7533, -84.9155

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7200, 21.3370, -30.4494

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8250, 58.7533, -84.9155 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(37, 160, 253)` looks like.

```
.text, #text, p{  
    color:rgb(37, 160, 253)  
}
```

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(37, 160, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 160, 253) }
```

Border

The CSS property to change the border of an element to YUV 133.8250, 58.7533, -84.9155 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(37, 160, 253) }
```


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

```
.border{ border-color:rgb(37, 160, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 160, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 160, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 160, 253);  
box-shadow:4px 4px 4px 4px rgb(37, 160,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 133.8250, 58.7533, -84.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 160, 253) }
```

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

```
.background{ background-color: rgb(37, 160,  
253) }
```

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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