

Converting Colors

YUV(133.2650, 58.0434,
-90.5634)

Have a look what the booklet for
YUV(133.2650, 58.0434, -90.5634)
contains.

YUV(133.2650, 58.0434, -90.5634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(133.2650, 58.0434,
-90.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	1EA3FB
RGB	30, 163, 251
RGB Percent	12%, 64%, 98%
CMY	0.8824, 0.3608, 0.0157
CMYK	0.88, 0.35, 0.00, 0.02
HSL	204°, 97%, 55%
HSV	204°, 88%, 98%
XYZ	31.0452, 33.4354, 96.0842
YIQ	133.2650, -107.5160, -0.8280

Conversions

Conversions Part 2

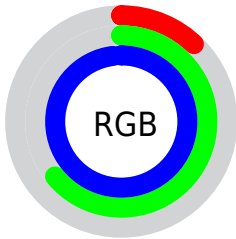
Format	Color
R _Y B	30, 113, 251
Decimal	2008059
CIE Lab	64.51, -2.69, -53.02
CIE LCh	65, 53.089, 267.092
Yxy	33.4354, 0.1933, 0.2082
Android (android.graphics.Color)	4280198139 (0xFF1EA3FB)
YUV	133.2650, 58.0434, -90.5634
Hunter-Lab	57.8234, -5.3548, -58.0449

Details

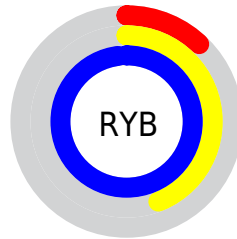
The YUV color **133.2650, 58.0434, -90.5634** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **147.7350, -58.0434, 90.5634**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3180, 30.9022, -65.1769**, and **87.8600, 52.3270, -77.0532** is the 20% darker color. If you saturate the color by 10%, you get **119.9200, 64.6224, -100.7848**, and if you desaturate by 10%, it is **146.6100, 51.4643, -80.3420**.

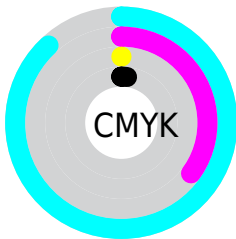
Distribution



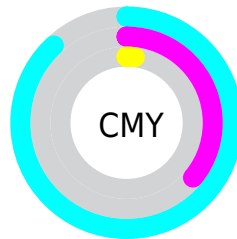
- Red (12%)
- Green (64%)
- Blue (98%)



- Red (12%)
- Yellow (44%)
- Blue (98%)



- Cyan (88%)
- Magenta (35%)
- Yellow (0%)
- Black (2%)



- Cyan (88%)
- Magenta (36%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2650, 58.0434, -90.5634 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 133.2650, 58.0434, -90.5634 by changing the saturation by 10% instead.

■ 133.2650, 58.0434,
-90.5634

■ 133.2650, 58.0434,
-90.5634

■ 255.0000, 0.0000,
0.0000

■ 105.7270, 57.3226,
-92.7226

■ 192.3180, 30.9022,
-65.1769

■ 87.8600, 52.3270,
-77.0532

■ 218.6210, 17.9348,
-59.3036

■ 70.5800, 47.0421,
-61.8987

■ 233.4720, 10.6133,
-44.2639

■ 54.1150, 42.3413,
-47.4589

■ 243.0400, 5.8963,
-24.5911

■ 38.8240, 37.0618,
-34.0486

■ 252.3090, 1.3267,
-5.5330

■ 24.1200, 31.4928,
-21.1532

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 133.2650, 58.0434,
-90.5634

■ 133.2650, 58.0434,
-90.5634

■ 119.9200, 64.6224,
-100.7848

■ 146.6100, 51.4643,
-80.3420

■ 117.2510, 65.9383,
-102.8291

■ 159.9550, 44.8852,
-70.1205

■ 173.3000, 38.3061,
-59.8991

■ 186.6450, 31.7270,
-49.6777

■ 199.9900, 25.1479,
-39.4562

■ 213.6340, 18.4214,
-28.6200

■ 226.9790, 11.8424,
-18.3986

■ 240.3240, 5.2633,
-8.1771

■ 253.3700, -1.1684,
1.4295

Harmonies

Analogous

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



128.9280, 52.2935, -113.0699



133.2650, 58.0434, -90.5634



158.3250, 40.7588, -6.4240

Triad

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



133.2650, 58.0434, -90.5634



155.7340, -19.5889, 76.5323



138.0880, -17.2984, -51.8202

Complementary

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



133.2650, 58.0434, -90.5634



147.7350, -58.0434, 90.5634

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.



146.9400, -39.4104, -6.0864



133.2650, 58.0434, -90.5634



154.7000, -38.3061, 59.8991

Square

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



133.2650, 58.0434, -90.5634



157.8470, 2.5404, 72.0482



151.6350, -46.6551, 31.0151



122.7600, 13.4293, -107.6605

Rectangle

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



133.2650, 58.0434, -90.5634



161.2710, 29.4464, 28.7033



151.6350, -46.6551, 31.0151



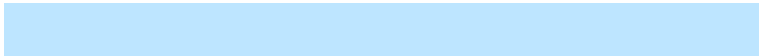
142.1950, -26.2251, -35.2510

Sweetspot

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



133.2650, 58.0434, -90.5634



220.0040, 17.2530, -27.1905



169.4170, -26.8276, -122.2687



106.6480, 10.5265, -16.3543



0.0000, 0.0000, 0.0000



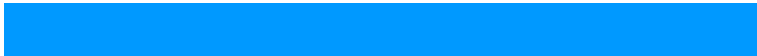
128.0000, 0.0000, 0.0000

Same Dimension

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



133.2650, 58.0434, -90.5634



118.8810, 67.1067, -104.2586



70.4560, 89.0082, -35.4799



118.1780, 3.3632, -5.4181



88.4640, 49.5642, -77.5829



28.6730, 15.9372, -25.1462

Inverse Universe

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



111.2410, 25.5172, 122.5686



93.6870, 29.2413, 141.4715



210.5440, -89.0082, 35.4799



116.7990, 1.5781, 7.1923



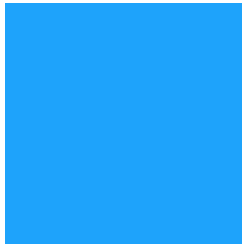
69.5070, 21.9350, 104.7954



22.4570, 7.1697, 33.8022

Previews

White Background



This preview shows how the YUV color 133.2650, 58.0434, -90.5634 looks on a white background.

Color Contrast Check

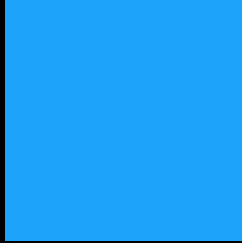
Large Text (above 18pt) WCAG AA × Fail

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 133.2650, 58.0434, -90.5634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

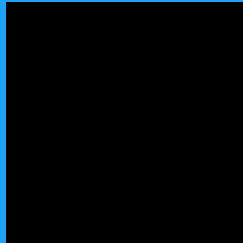
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

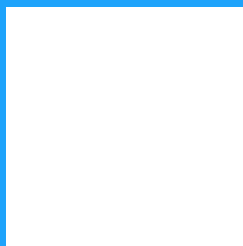
Any Text WCAG AAA ✓ Pass

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

YUV 133.2650, 58.0434, -90.5634 Background



This preview shows how black text looks on a background with the YUV color 133.2650, 58.0434, -90.5634.

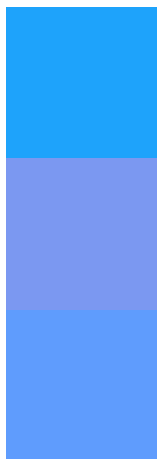


This preview shows how white text looks on a background with the YUV color 133.2650, 58.0434, -90.5634.

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

133.2650, 58.0434, -90.5634

Protanopia

153.4750, 43.1498, -26.7266

Deuteranopia

148.8190, 51.3612, -47.1993



Tritanopia

122.6410, 30.7430, -107.5562

Trichromacy



Original Color

133.2650, 58.0434, -90.5634

Protanomaly

146.1130, 48.7513, -50.0881

Deuteranomaly

143.2900, 53.5940, -63.3983

Tritanomaly

126.3180, 40.7622, -101.1339

Monochromacy



Original Color

133.2650, 58.0434, -90.5634

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2960, 21.0531, -32.7086

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2650, 58.0434, -90.5634 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(30, 163, 251)` looks like.

```
.text, #text, p{  
    color:rgb(30, 163, 251)  
}
```

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(30, 163, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 163, 251) }
```

Border

The CSS property to change the border of an element to YUV 133.2650, 58.0434, -90.5634 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(30, 163, 251) }
```


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

```
.border{ border-color:rgb(30, 163, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 163, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 163, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 163, 251);  
box-shadow:4px 4px 4px 4px rgb(30, 163,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 133.2650, 58.0434, -90.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 163, 251) }
```

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

```
.background{ background-color: rgb(30, 163,  
251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor