

Converting Colors

YUV(138.2150, 57.5750,
-33.5146)

Have a look what the booklet for
YUV(138.2150, 57.5750, -33.5146)
contains.

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Color

**YUV(138.2150, 57.5750,
-33.5146)**

Conversions

Conversions Part 1

Format	Color
Hex	6487FF
RGB	100, 135, 255
RGB Percent	39%, 53%, 100%
CMY	0.6078, 0.4706, 0.0000
CMYK	0.61, 0.47, 0.00, 0.00
HSL	226°, 100%, 70%
HSV	226°, 61%, 100%
XYZ	31.9695, 27.2573, 98.1839
YIQ	138.2150, -59.3800, 29.9000

Conversions

Conversions Part 2

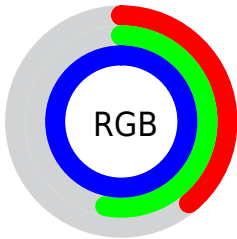
Format	Color
RYB	100, 129, 255
Decimal	6588415
CIELab	59.21, 23.54, -63.55
CIELCh	59, 67.765, 290.324
Yxy	27.2573, 0.2031, 0.1732
Android (android.graphics.Color)	4284778495 (0xFF6487FF)
YUV	138.2150, 57.5750, -33.5146
Hunter-Lab	52.2085, 17.9383, -74.9556

Details

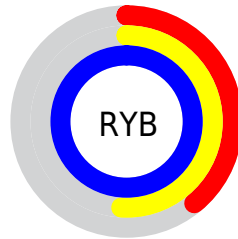
The YUV color **138.2150, 57.5750, -33.5146** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **216.7850, -57.5750, 33.5146**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.8640, 33.0980, -22.6827**, and **76.5280, 59.3927, -56.5911** is the 20% darker color. If you saturate the color by 10%, you get **119.0000, 67.0480, -38.5880**, and if you desaturate by 10%, it is **157.4300, 48.1020, -28.4411**.

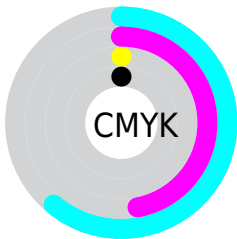
Distribution



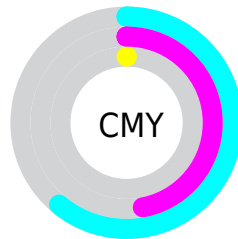
- Red (39%)
- Green (53%)
- Blue (100%)



- Red (39%)
- Yellow (51%)
- Blue (100%)



- Cyan (61%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2150, 57.5750, -33.5146 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 138.2150, 57.5750, -33.5146 by changing the saturation by 10% instead.

■ 138.2150, 57.5750,
-33.5146

■ 138.2150, 57.5750,
-33.5146

255.0000, 0.0000,
0.0000

■ 109.7690, 57.3019,
-39.2624

■ 187.8640, 33.0980,
-22.6827

■ 76.5280, 59.3927,
-56.5911

■ 212.9820, 20.7149,
-17.5242

■ 56.3610, 56.0240,
-49.4286

■ 238.9750, 7.9003,
-14.0101

■ 40.8420, 49.8709,
-35.8184

254.7010, 0.1474,
-0.6148

■ 27.3120, 43.7232,
-23.9526

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 138.2150, 57.5750,
-33.5146

■ 138.2150, 57.5750,
-33.5146

■ 119.0000, 67.0480,
-38.5880

■ 157.4300, 48.1020,
-28.4411

■ 100.0730, 76.3790,
-44.7910

■ 176.3570, 38.7710,
-22.2381

■ 80.8580, 85.8520,
-49.8645

■ 195.8710, 29.1506,
-16.5499

■ 63.1160, 94.5988,
-55.3527

■ 215.0860, 19.6776,
-11.4764

■ 234.3010, 10.2046,
-6.4030

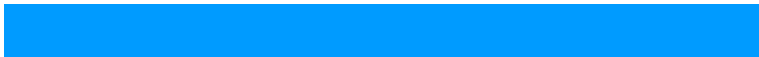
■ 253.2280, 0.8736,
-0.2000

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



120.0550, 66.5279, -105.2882



138.2150, 57.5750, -33.5146



146.0800, 35.9496, 42.9028

Triad

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



138.2150, 57.5750, -33.5146



136.3820, -42.5863, 79.4720



112.9970, 3.9455, -99.0984

Complementary

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



138.2150, 57.5750, -33.5146



216.7850, -57.5750, 33.5146

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.



117.7700, -28.4806, -58.5573



138.2150, 57.5750, -33.5146



133.9840, -66.0541, 46.4950

Square

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



138.2150, 57.5750, -33.5146



135.4300, -15.0020, 98.7239



128.6920, -63.4452, 2.9011



120.5380, 30.3008, -105.7118

Rectangle

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



138.2150, 57.5750, -33.5146



141.3910, 21.0062, 75.9561



128.6920, -63.4452, 2.9011



109.4290, -4.6485, -95.9692

Sweetspot

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



138.2150, 57.5750, -33.5146



220.1140, 17.1988, -9.7470



204.5510, 7.1234, -91.6912



106.4150, 10.6414, -6.5030



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.



138.2150, 57.5750, -33.5146



114.8580, 69.0900, -40.2175



129.9290, 61.6600, 9.7093



118.2430, 4.8102, -2.8441



47.0150, 70.9846, -41.2322



15.5140, 23.9036, -13.6058

Inverse Universe

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



150.3350, -7.5602, 91.7912



129.4020, -9.0722, 110.1494



225.0710, -61.6600, -9.7093



119.2290, -0.6059, 7.6922



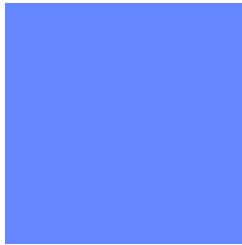
62.0110, -9.3724, 113.1234



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 138.2150, 57.5750, -33.5146 looks on a white background.

Color Contrast Check

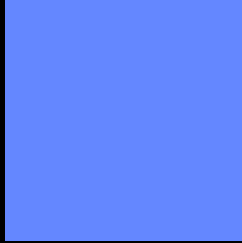
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2150, 57.5750, -33.5146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

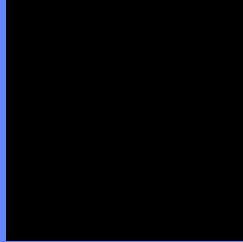
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.2150, 57.5750, -33.5146

Background



This preview shows how black text looks on a background with the YUV color 138.2150, 57.5750, -33.5146.



This preview shows how white text looks on a background with the YUV color 138.2150, 57.5750, -33.5146.

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

138.2150, 57.5750, -33.5146

Protanopia

135.4910, 58.9179, -44.2806

Deuteranopia

123.8350, 63.6783, -77.9083



Tritanopia

127.7780, 19.8294, -60.3183

Trichromacy



Original Color

138.2150, 57.5750, -33.5146

Protanomaly

136.3990, 58.4703, -40.6919

Deuteranomaly

129.3640, 61.4455, -61.7092

Tritanomaly

131.8020, 33.6216, -50.6924

Monochromacy



Original Color

138.2150, 57.5750, -33.5146

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1290, 21.1354, -12.3911

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2150, 57.5750, -33.5146 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(100, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(100, 135, 255)  
}
```

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(100, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 135, 255) }
```

Border

The CSS property to change the border of an element to YUV 138.2150, 57.5750, -33.5146 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(100, 135, 255) }
```


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

```
.border{ border-color:rgb(100, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(100, 135,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 138.2150, 57.5750, -33.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 135, 255) }
```

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

```
.background{ background-color: rgb(100,  
135, 255) }
```

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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