

Converting Colors

YUV(130.4680, -57.4187,
-63.5544)

Have a look what the booklet for
YUV(130.4680, -57.4187, -63.5544)
contains.

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Color

**YUV(130.4680, -57.4187,
-63.5544)**

Conversions

Conversions Part 1

Format	Color
Hex	3ABE0E
RGB	58, 190, 14
RGB Percent	23%, 75%, 5%
CMY	0.7725, 0.2549, 0.9451
CMYK	0.69, 0.00, 0.93, 0.25
HSL	105°, 86%, 40%
HSV	105°, 93%, 75%
XYZ	20.2376, 37.7582, 6.6369
YIQ	130.4680, -22.1760, -82.7200

Conversions

Conversions Part 2

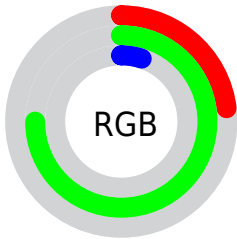
Format	Color
RYB	14, 190, 146
Decimal	3849742
CIELab	67.84, -62.82, 65.84
CIElCh	68, 91.005, 133.653
Yxy	37.7582, 0.3131, 0.5842
Android (android.graphics.Color)	4282039822 (0xFF3ABE0E)
YUV	130.4680, -57.4187, -63.5544
Hunter-Lab	61.4477, -48.7449, 36.6095

Details

The YUV color **130.4680, -57.4187, -63.5544** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **73.5320, 57.4187, 63.5544**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.5270, -53.5038, -59.2212**, and **79.2450, -39.0678, -69.4979** is the 20% darker color. If you saturate the color by 10%, you get **125.8820, -62.0598, -68.3025**, and if you desaturate by 10%, it is **136.8200, -51.1833, -56.8471**.

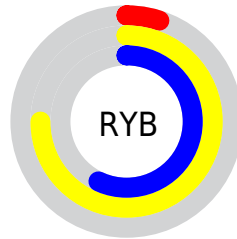
Distribution



Red (23%)

Green (75%)

Blue (5%)



Red (5%)

Yellow (75%)

Blue (57%)

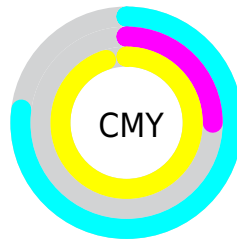


Cyan (69%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (77%)

Magenta (25%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.4680, -57.4187, -63.5544 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 130.4680, -57.4187, -63.5544 by changing the saturation by 10% instead.


 130.4680,
-57.4187, -63.5544

 130.4680,
-57.4187, -63.5544


255.0000, 0.0000,
0.0000


 95.0940, -46.8813,
-83.3974


 191.5270,
-53.5038, -59.2212


 79.2450, -39.0678,
-69.4979


 208.6840,
-48.1582, -47.0809

 63.9830, -31.5436,
-56.1131


 220.8460,
-40.3501, -31.4369

 48.7210, -24.0195,
-42.7283

 233.1220,
-32.1051, -15.8930

 34.6330, -17.0741,
-30.3731

 245.5830,
-24.4444, 0.3657

 19.9580, -9.8393,
-17.5032

 251.5800,

 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

■ 130.4680,
-57.4187, -63.5544

■ 130.4680,
-57.4187, -63.5544

■ 125.8820,
-62.0598, -68.3025

■ 136.8200,
-51.1833, -56.8471

■ 143.1720,
-44.9478, -50.1398

■ 149.8230,
-38.8597, -42.8178

■ 156.1750,
-32.6243, -36.1105

■ 162.5270,
-26.3888, -29.4032

■ 169.1780,
-20.3008, -22.0811

■ 175.5300,
-14.0653, -15.3738

■ 181.8820, -7.8298,
-8.6665

■ 188.2340, -1.5944,
-1.9592

Harmonies

Analogous

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



150.8860, -74.3868, 12.3780



130.4680, -57.4187, -63.5544



129.4500, -6.6308, -113.5276

Triad

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



130.4680, -57.4187, -63.5544



138.8390, 57.2674, -121.7618



127.6870, 2.1263, 111.6535

Complementary

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



130.4680, -57.4187, -63.5544



73.5320, 57.4187, 63.5544

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.



144.6660, 34.1817, 96.7629



130.4680, -57.4187, -63.5544



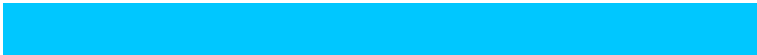
124.7510, 64.2128, -109.4066

Square

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



130.4680, -57.4187, -63.5544



145.8830, 53.7947, -127.9394



164.9580, 44.3907, 42.1328



142.6340, -44.6826, 98.5450

Rectangle

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



130.4680, -57.4187, -63.5544



137.7090, 17.3985, -120.7708



164.9580, 44.3907, 42.1328



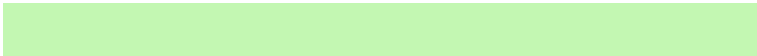
128.4170, 15.0774, 111.0133

Sweetspot

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



130.4680, -57.4187, -63.5544



223.5860, -22.4739, -25.0699



144.1080, -64.1432, 40.2473



110.5300, -14.0653, -15.3738



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



130.4680, -57.4187, -63.5544



163.5270, -80.6188, -89.0392



122.3280, -31.7137, -95.0037



90.8810, -2.8993, -3.4036



104.7060, -51.6201, -56.7472



20.5890, -10.1504, -11.0406

Inverse Universe

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



73.5320, 57.4187, 63.5544



83.7720, 80.4714, 89.6540



81.6720, 31.7137, 95.0037



88.1190, 2.8993, 3.4036



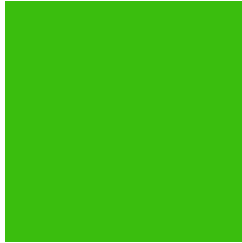
53.5930, 51.4727, 57.3619



10.4110, 10.1504, 11.0406

Previews

White Background



This preview shows how the YUV color 130.4680, -57.4187, -63.5544 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 130.4680, -57.4187, -63.5544 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 130.4680, -57.4187, -63.5544 Background



This preview shows how black text looks on a background with the YUV color 130.4680, -57.4187, -63.5544.



This preview shows how white text looks on a background with the YUV color 130.4680, -57.4187, -63.5544.

-63.5544.

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

130.4680, -57.4187, -63.5544

Protanopia

151.5830, -74.7304, 29.3067

Deuteranopia

157.9540, -57.1653, 42.1363



Tritanopia

154.3770, 18.0551, -51.1966

Trichromacy



Original Color

130.4680, -57.4187, -63.5544



Protanomaly

143.6820, -68.3702, -4.1061



Deuteranomaly

147.7120, -57.0460, 3.7606



Tritanomaly

145.8300, -9.2832, -55.9789

Monochromacy



Original Color

130.4680, -57.4187, -63.5544



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

130.3520, -20.8795, -23.1107

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.4680, -57.4187, -63.5544 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(58, 190, 14)` looks like.

```
.text, #text, p{  
    color:rgb(58, 190, 14)  
}
```

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(58, 190, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 190, 14) }
```

Border

The CSS property to change the border of an element to YUV 130.4680, -57.4187, -63.5544 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(58, 190, 14) }
```


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

```
.border{ border-color:rgb(58, 190, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 190, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 190, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 190, 14);  
box-shadow:4px 4px 4px 4px rgb(58, 190,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 130.4680, -57.4187, -63.5544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 190, 14) }
```

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

```
.background{ background-color: rgb(58, 190,  
14) }
```

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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