

Converting Colors

YUV(131.0800, -48.8464,
-59.7062)

Have a look what the booklet for
YUV(131.0800, -48.8464, -59.7062)
contains.

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Color

**YUV(131.0800, -48.8464,
-59.7062)**

Conversions

Conversions Part 1

Format	Color
Hex	3FB920
RGB	63, 185, 32
RGB Percent	25%, 73%, 13%
CMY	0.7529, 0.2745, 0.8745
CMYK	0.66, 0.00, 0.83, 0.27
HSL	108°, 71%, 43%
HSV	108°, 83%, 73%
XYZ	19.6596, 35.8590, 7.2518
YIQ	131.0800, -23.5990, -73.4470

Conversions

Conversions Part 2

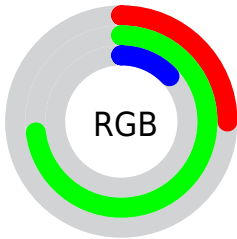
Format	Color
R_{YB}	32, 185, 154
Decimal	4176160
CIE _{Lab}	66.41, -59.53, 61.02
CIE _{LCh}	66, 85.246, 134.290
Yxy	35.8590, 0.3132, 0.5713
Android (android.graphics.Color)	4282366240 (0xFF3FB920)
YUV	131.0800, -48.8464, -59.7062
Hunter-Lab	59.8824, -46.1920, 34.7376

Details

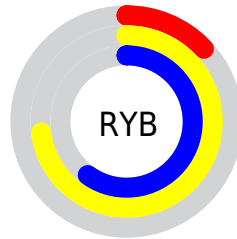
The YUV color **131.0800, -48.8464, -59.7062** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **85.9200, 48.8464, 59.7062**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1020, -48.8573, -56.2175**, and **76.3100, -37.6208, -66.9239** is the 20% darker color. If you saturate the color by 10%, you get **124.4290, -54.9345, -67.0282**, and if you desaturate by 10%, it is **137.7310, -42.7584, -52.3841**.

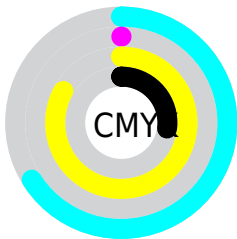
Distribution



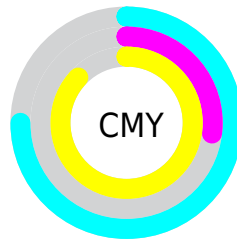
- Red (25%)
- Green (73%)
- Blue (13%)



- Red (13%)
- Yellow (73%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (83%)
- Black (27%)



- Cyan (75%)
- Magenta (27%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.0800, -48.8464, -59.7062 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 131.0800, -48.8464, -59.7062 by changing the saturation by 10% instead.

■ 131.0800,
-48.8464, -59.7062

■ 131.0800,
-48.8464, -59.7062

255.0000, 0.0000,
0.0000

■ 97.2420, -47.9403,
-70.3722

■ 190.1020,
-48.8573, -56.2175

■ 76.3100, -37.6208,
-66.9239

■ 209.8950,
-44.8112, -47.2659

■ 61.0480, -30.0967,
-53.5391

■ 221.9430,
-37.4399, -31.5220

■ 46.3730, -22.8619,
-40.6691

■ 234.2190,
-29.1950, -15.9781

■ 32.2850, -15.9165,
-28.3139

■ 246.6800,
-21.5342, 0.2806

■ 17.6100, -8.6817,
-15.4440

■ 252.3780,

■ 0.0000, 0.0000,

-10.0464, 2.2995

0.0000

■ 131.0800,
-48.8464, -59.7062

■ 131.0800,
-48.8464, -59.7062

■ 124.4290,
-54.9345, -67.0282

■ 137.7310,
-42.7584, -52.3841

■ 119.6580,
-58.9914, -72.4911

■ 144.2680,
-37.1071, -44.9620

■ 150.5060,
-31.3085, -38.1548

■ 157.1570,
-25.2204, -30.8327

■ 163.8080,
-19.1323, -23.5106

■ 170.3450,
-13.4811, -16.0886

■ 176.6970, -7.2456,
-9.3813

■ 183.2340, -1.5944,
-1.9592

■ 189.7710, 4.0569,
5.4628

Harmonies

Analogous

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



147.3420, -72.6396, 11.9781



131.0800, -48.8464, -59.7062



126.6290, -4.7471, -111.0536

Triad

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



131.0800, -48.8464, -59.7062



135.9040, 58.7143, -119.1878



133.1010, -2.5148, 106.9054

Complementary

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



131.0800, -48.8464, -59.7062



85.9200, 48.8464, 59.7062

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.



147.1620, 28.5141, 94.5739



131.0800, -48.8464, -59.7062



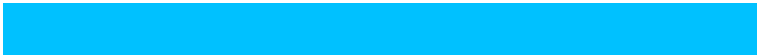
121.8160, 65.6597, -106.8326

Square

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



131.0800, -48.8464, -59.7062



142.3610, 55.5310, -124.8506



163.1750, 45.2697, 40.1885



144.7370, -44.2403, 96.7007

Rectangle

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



131.0800, -48.8464, -59.7062



133.9590, 18.2612, -117.4820



163.1750, 45.2697, 40.1885



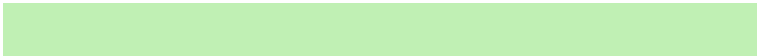
133.7170, 9.9995, 106.3652

Sweetspot

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



131.0800, -48.8464, -59.7062



218.8080, -19.1323, -23.5106



148.1870, -57.2802, 32.2850



107.2250, -11.4499, -14.2293



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



131.0800, -48.8464, -59.7062



156.0580, -75.9506, -93.0129



126.7130, -25.4945, -83.0633



88.5820, -2.7519, -4.0184



101.1400, -49.8620, -60.6358



18.2300, -8.9874, -10.7257

Inverse Universe

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



85.9200, 48.8464, 59.7062



85.9420, 75.9506, 93.0129



90.2870, 25.4945, 83.0633



86.1190, 2.8993, 3.4036



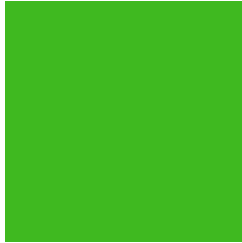
54.8600, 49.8620, 60.6358



9.7700, 8.9874, 10.7257

Previews

White Background



This preview shows how the YUV color 131.0800, -48.8464, -59.7062 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 131.0800, -48.8464, -59.7062 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 131.0800, -48.8464, -59.7062 Background



This preview shows how black text looks on a background with the YUV color 131.0800, -48.8464, -59.7062.



This preview shows how white text looks on a background with the YUV color 131.0800, -48.8464, -59.7062.

-59.7062.

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

131.0800, -48.8464, -59.7062

Protanopia

151.1770, -62.2053, 25.2778

Deuteranopia

154.9090, -52.2131, 40.4218



Tritanopia

151.1710, 17.1707, -47.5080

Trichromacy



Original Color

131.0800, -48.8464, -59.7062



Protanomaly

143.9450, -57.1609, -6.0908



Deuteranomaly

146.3190, -50.9363, 4.1052



Tritanomaly

144.1340, -6.9681, -51.8605

Monochromacy



Original Color

131.0800, -48.8464, -59.7062



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

131.1610, -17.8274, -22.0662

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.0800, -48.8464, -59.7062 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(63, 185, 32)` looks like.

```
.text, #text, p{  
    color:rgb(63, 185, 32)  
}
```

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(63, 185, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 185, 32) }
```

Border

The CSS property to change the border of an element to YUV 131.0800, -48.8464, -59.7062 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(63, 185, 32) }
```


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

```
.border{ border-color:rgb(63, 185, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 185, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 185, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 185, 32);  
box-shadow:4px 4px 4px 4px rgb(63, 185,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 131.0800, -48.8464, -59.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 185, 32) }
```

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

```
.background{ background-color: rgb(63, 185,  
32) }
```

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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