

Converting Colors

YUV(165.9110, -38.9031,
-28.8629)

Have a look what the booklet for
YUV(165.9110, -38.9031, -28.8629)
contains.

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Color

**YUV(165.9110, -38.9031,
-28.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	85C657
RGB	133, 198, 87
RGB Percent	52%, 78%, 34%
CMY	0.4784, 0.2235, 0.6588
CMYK	0.33, 0.00, 0.56, 0.22
HSL	95°, 49%, 56%
HSV	95°, 56%, 78%
XYZ	31.5872, 46.0628, 16.2430
YIQ	165.9110, -3.1090, -48.3010

Conversions

Conversions Part 2

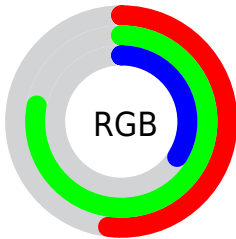
Format	Color
RYB	87, 198, 152
Decimal	8767063
CIELab	73.59, -39.81, 48.39
CIELCh	74, 62.662, 129.448
Yxy	46.0628, 0.3364, 0.4906
Android (android.graphics.Color)	4286957143 (0xFF85C657)
YUV	165.9110, -38.9031, -28.8629
Hunter-Lab	67.8696, -35.6960, 33.3190

Details

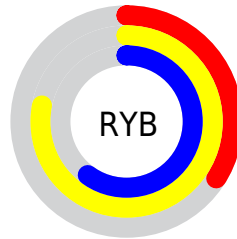
The YUV color **165.9110, -38.9031, -28.8629** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **119.0890, 38.9031, 28.8629**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1560, -40.5029, -29.0778**, and **111.7260, -38.3189, -29.5777** is the 20% darker color. If you saturate the color by 10%, you get **160.0430, -45.8702, -34.2407**, and if you desaturate by 10%, it is **171.7790, -31.9360, -23.4852**.

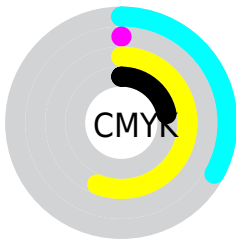
Distribution



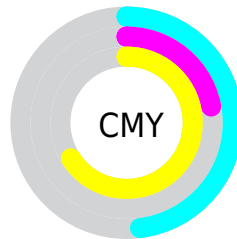
- Red (52%)
- Green (78%)
- Blue (34%)



- Red (34%)
- Yellow (78%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (56%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9110, -38.9031, -28.8629 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 165.9110, -38.9031, -28.8629 by changing the saturation by 10% instead.

■ 165.9110,
-38.9031, -28.8629

■ 165.9110,
-38.9031, -28.8629

255.0000, 0.0000,
0.0000

■ 138.4380,
-38.1769, -28.4481

■ 222.1560,
-40.5029, -29.0778

■ 111.7260,
-38.3189, -29.5777

■ 233.9050,
-32.9842, -13.9487

■ 84.5150, -41.6659,
-29.3927

■ 245.7680,
-25.0286, 1.0805

■ 59.3860, -29.2773,
-36.2955

■ 251.4660,
-13.5407, 3.0993

■ 39.9160, -19.6786,
-35.0063

254.7720, -0.8736,
0.2000

■ 26.4150, -13.0226,
-23.1660

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 165.9110,
-38.9031, -28.8629

■ 165.9110,
-38.9031, -28.8629

■ 160.0430,
-45.8702, -34.2407

■ 171.7790,
-31.9360, -23.4852

■ 154.4740,
-52.9847, -39.0037

■ 177.3480,
-24.8216, -18.7222

■ 148.7200,
-59.5150, -44.4814

■ 183.1020,
-18.2913, -13.2445

■ 143.1510,
-66.6294, -49.2444

■ 188.6710,
-11.1768, -8.4815

■ 140.7440,
-69.3868, -51.5185

■ 194.5390, -4.2097,
-3.1037

■ 200.4070, 2.7573,
2.2741

■ 205.9760, 9.8718,
7.0370

■ 211.7300, 16.4021,
12.5148

■ 216.1590, 19.1486,
18.2776

Harmonies

Analogous

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



172.9250, -56.6580, 19.3598



165.9110, -38.9031, -28.8629



136.6540, 0.6636, -119.8456

Triad

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



165.9110, -38.9031, -28.8629



145.2960, 54.0841, -127.4246



170.7780, -2.8486, 73.8627

Complementary

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



165.9110, -38.9031, -28.8629



119.0890, 38.9031, 28.8629

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.



181.3850, 20.0232, 64.5604



165.9110, -38.9031, -28.8629



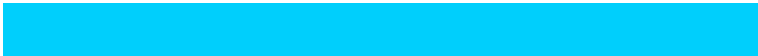
166.7120, 43.5260, -54.1214

Square

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



165.9110, -38.9031, -28.8629



150.2370, 50.1692, -131.7578



184.0080, 34.9991, 21.0410



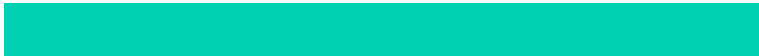
171.6660, -29.9083, 73.0839

Rectangle

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



165.9110, -38.9031, -28.8629



142.9750, 17.2673, -125.3891



184.0080, 34.9991, 21.0410



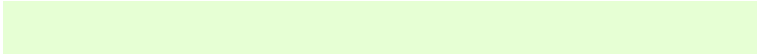
172.9440, 5.4506, 71.9631

Sweetspot

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



165.9110, -38.9031, -28.8629



242.6230, -15.0971, -11.0704



158.3440, -35.1726, 34.7783



120.5510, -9.1456, -6.6222



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.



165.9110, -38.9031, -28.8629



205.6060, -59.9518, -44.3815



153.1830, -28.1912, -58.0425



96.4790, -3.1941, -2.1741



116.0130, -57.1944, -42.1074



25.6170, -12.6292, -9.3111

Inverse Universe

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



119.0890, 38.9031, 28.8629



133.3940, 59.9518, 44.3815



131.8170, 28.1912, 58.0425



92.5210, 3.1941, 2.1741



47.2860, 57.0470, 42.7222



10.3830, 12.6292, 9.3111

Previews

White Background



This preview shows how the YUV color 165.9110, -38.9031, -28.8629 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 165.9110, -38.9031, -28.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

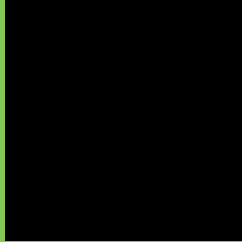
Any Text WCAG AA ✓ Pass

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 165.9110, -38.9031, -28.8629 Background



This preview shows how black text looks on a background with the YUV color 165.9110, -38.9031, -28.8629.



This preview shows how white text looks on a background with the YUV color 165.9110, -38.9031, -28.8629.

-28.8629.

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

165.9110, -38.9031, -28.8629

Protanopia

174.6940, -46.1911, 22.1934

Deuteranopia

177.1720, -41.0038, 38.4372



Tritanopia

176.9460, 11.8586, -23.6316

Trichromacy



Original Color

165.9110, -38.9031, -28.8629

Protanomaly

171.8550, -43.8055, 3.6352

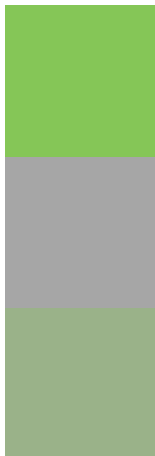
Deuteranomaly

173.1320, -40.4911, 13.9162

Tritanomaly

172.8260, -6.3232, -25.2804

Monochromacy



Original Color

165.9110, -38.9031, -28.8629

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1500, -14.3709, -10.6555

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9110, -38.9031, -28.8629 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(133, 198, 87)` looks like.

```
.text, #text, p{  
    color:rgb(133, 198, 87)  
}
```

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(133, 198, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 198, 87) }
```

Border

The CSS property to change the border of an element to YUV 165.9110, -38.9031, -28.8629 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(133, 198, 87) }
```


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

```
.border{ border-color:rgb(133, 198, 87) }
```

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

Here you see how a box with a 4 pixel rgb(133, 198, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 198, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 198, 87);  
box-shadow:4px 4px 4px 4px rgb(133, 198,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 165.9110, -38.9031, -28.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 198, 87) }
```

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

```
.background{ background-color: rgb(133,  
198, 87) }
```

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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