

Converting Colors

YUV(167.0340, -42.4148,
-69.3128)

Have a look what the booklet for
YUV(167.0340, -42.4148, -69.3128)
contains.

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Color

**YUV(167.0340, -42.4148,
-69.3128)**

Conversions

Conversions Part 1

Format	Color
Hex	58E051
RGB	88, 224, 81
RGB Percent	35%, 88%, 32%
CMY	0.6549, 0.1216, 0.6824
CMYK	0.61, 0.00, 0.64, 0.12
HSL	117°, 70%, 60%
HSV	117°, 64%, 88%
XYZ	32.1654, 55.9801, 16.8945
YIQ	167.0340, -35.1530, -73.3050

Conversions

Conversions Part 2

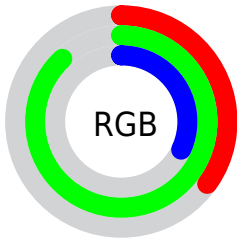
Format	Color
RYB	81, 224, 217
Decimal	5824593
CIELab	79.60, -63.65, 57.36
CIELCh	80, 85.680, 137.973
Yxy	55.9801, 0.3062, 0.5329
Android (android.graphics.Color)	4284014673 (0xFF58E051)
YUV	167.0340, -42.4148, -69.3128
Hunter-Lab	74.8198, -54.1969, 38.9860

Details

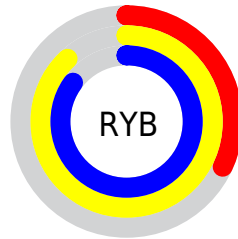
The YUV color **167.0340, -42.4148, -69.3128** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **137.9660, 42.4148, 69.3128**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3380, -36.6486, -52.0394**, and **100.3090, -39.5923, -87.9710** is the 20% darker color. If you saturate the color by 10%, you get **158.2470, -48.9288, -80.0236**, and if you desaturate by 10%, it is **175.8210, -35.9008, -58.6020**.

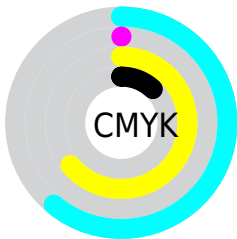
Distribution



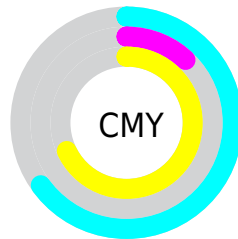
- Red (35%)
- Green (88%)
- Blue (32%)



- Red (32%)
- Yellow (88%)
- Blue (85%)



- Cyan (61%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0340, -42.4148, -69.3128 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 167.0340, -42.4148, -69.3128 by changing the saturation by 10% instead.

■ 167.0340,
-42.4148, -69.3128

■ 167.0340,
-42.4148, -69.3128

■ 255.0000, 0.0000,
0.0000

■ 136.0550,
-40.9461, -73.7162

■ 210.3380,
-36.6486, -52.0394

■ 100.3090,
-39.5923, -87.9710

■ 222.3860,
-29.2773, -36.2955

■ 82.1800, -40.5147,
-72.0719

■ 234.6620,
-21.0324, -20.7516

■ 66.9180, -32.9906,
-58.6871

■ 247.1230,
-13.3716, -4.4929

■ 51.6560, -25.4664,
-45.3023

■ 254.4300, -2.1840,
0.4999

■ 36.9810, -18.2316,
-32.4323

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 167.0340,
-42.4148, -69.3128

■ 167.0340,
-42.4148, -69.3128

■ 158.2470,
-48.9288, -80.0236

■ 175.8210,
-35.9008, -58.6020

■ 149.0470,
-55.7322, -91.2492

■ 185.0210,
-29.0974, -47.3764

■ 140.2600,
-62.2462, -101.9600

■ 193.8080,
-22.5833, -36.6656

■ 134.7770,
-66.4451, -108.5524

■ 202.7090,
-15.6325, -26.0548

■ 211.7950, -9.2659,
-14.7292

■ 220.5820, -2.7519,
-4.0184

■ 229.4830, 4.1989,
6.5924

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



178.9060, -88.2007, 9.7294



167.0340, -42.4148, -69.3128



154.5380, 3.1858, -135.5298

Triad

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



167.0340, -42.4148, -69.3128



155.8620, 48.8750, -136.6910



162.3660, -4.6174, 81.2400

Complementary

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



167.0340, -42.4148, -69.3128



137.9660, 42.4148, 69.3128

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.



173.2470, 29.4582, 71.6974



167.0340, -42.4148, -69.3128



177.6760, 38.1207, -47.0739

Square

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



167.0340, -42.4148, -69.3128



164.0800, 44.8236, -143.8982



195.1260, 29.5179, 52.5095



171.5400, -45.6222, 73.1944

Rectangle

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



167.0340, -42.4148, -69.3128



162.0960, 27.0677, -142.1582



195.1260, 29.5179, 52.5095



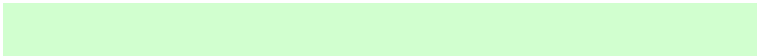
162.9820, 7.8969, 80.6998

Sweetspot

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



167.0340, -42.4148, -69.3128



235.7740, -14.1856, -23.4808



203.5890, -60.4364, 17.9004



116.2080, -8.9765, -14.2144



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.



167.0340, -42.4148, -69.3128



176.7430, -58.0473, -95.3676



172.2370, -13.4278, -80.0148



107.7560, -3.3307, -5.0480



106.0030, -52.2595, -85.0716



28.7740, -14.1856, -23.4808

Inverse Universe

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



137.9660, 42.4148, 69.3128



136.9580, 58.1947, 94.7528



132.7630, 13.4278, 80.0148



105.5430, 3.1833, 5.6628



69.9970, 52.2595, 85.0716



19.2260, 14.1856, 23.4808

Previews

White Background



This preview shows how the YUV color 167.0340, -42.4148, -69.3128 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 167.0340, -42.4148, -69.3128 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 167.0340, -42.4148, -69.3128 Background



This preview shows how black text looks on a background with the YUV color 167.0340, -42.4148, -69.3128.



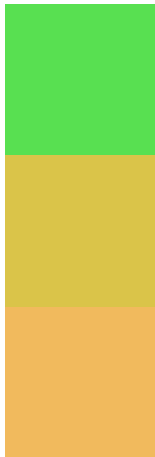
This preview shows how white text looks on a background with the YUV color 167.0340, -42.4148, -69.3128.

-69.3128.

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

167.0340, -42.4148, -69.3128

Protanopia

188.5560, -56.9691, 25.8224

Deuteranopia

191.8430, -48.7296, 43.1107



Tritanopia

185.6260, 20.3974, -55.8000

Trichromacy



Original Color

167.0340, -42.4148, -69.3128



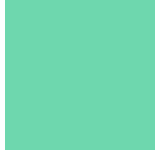
Protanomaly

180.7150, -51.6245, -8.5201



Deuteranomaly

182.8610, -46.2735, 1.8759



Tritanomaly

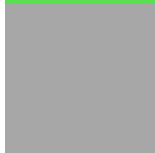
178.9310, -2.4310, -60.4525

Monochromacy



Original Color

167.0340, -42.4148, -69.3128



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.1220, -15.3431, -25.5400

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0340, -42.4148, -69.3128 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(88, 224, 81)` looks like.

```
.text, #text, p{  
    color:rgb(88, 224, 81)  
}
```

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(88, 224, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 224, 81) }
```

Border

The CSS property to change the border of an element to YUV 167.0340, -42.4148, -69.3128 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(88, 224, 81) }
```


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

```
.border{ border-color:rgb(88, 224, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 224, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 224, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 224, 81);  
box-shadow:4px 4px 4px 4px rgb(88, 224,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 167.0340, -42.4148, -69.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 224, 81) }
```

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

```
.background{ background-color: rgb(88, 224,  
81) }
```

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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