

Converting Colors

YUV(169.9140, -40.3836,
-67.4536)

Have a look what the booklet for
YUV(169.9140, -40.3836, -67.4536)
contains.

| | |
|--|----|
| YUV(169.9140, -40.3836, -67.4536) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(169.9140, -40.3836,
-67.4536)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5DE158 |
| RGB | 93, 225, 88 |
| RGB Percent | 36%, 88%, 35% |
| CMY | 0.6353, 0.1176, 0.6549 |
| CMYK | 0.59, 0.00, 0.61, 0.12 |
| HSL | 118°, 70%, 61% |
| HSV | 118°, 61%, 88% |
| XYZ | 33.2009, 56.8822, 18.4620 |
| YIQ | 169.9140, -34.6950, -70.5910 |

Conversions

Conversions Part 2

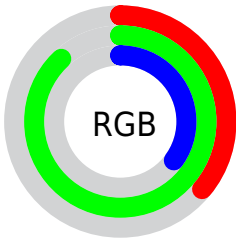
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 88, 225, 220 |
| Decimal | 6152536 |
| CIELab | 80.11, -62.15, 55.02 |
| CIELCh | 80, 83.001, 138.484 |
| Yxy | 56.8822, 0.3059, 0.5240 |
| Android (android.graphics.Color) | 4284342616 (0xFF5DE158) |
| YUV | 169.9140, -40.3836, -67.4536 |
| Hunter-Lab | 75.4203, -53.4077, 38.2807 |

Details

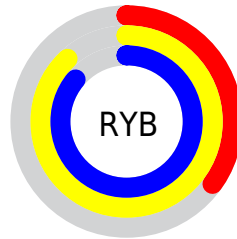
The YUV color **169.9140, -40.3836, -67.4536** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **143.0860, 40.3836, 67.4536**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2180, -34.6175, -50.1802**, and **102.1500, -35.0770, -89.5856** is the 20% darker color. If you saturate the color by 10%, you get **160.8280, -46.7502, -78.7792**, and if you desaturate by 10%, it is **179.0000, -34.0170, -56.1280**.

Distribution



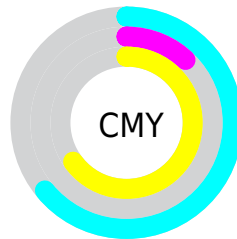
- Red (36%)
- Green (88%)
- Blue (35%)



- Red (35%)
- Yellow (88%)
- Blue (86%)



- Cyan (59%)
- Magenta (0%)
- Yellow (61%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9140, -40.3836, -67.4536 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 169.9140, -40.3836, -67.4536 by changing the saturation by 10% instead.

■ 169.9140,
-40.3836, -67.4536

■ 169.9140,
-40.3836, -67.4536

255.0000, 0.0000,
0.0000

■ 139.3480,
-38.6256, -71.3422

■ 212.2180,
-34.6175, -50.1802

■ 102.1500,
-35.0770, -89.5856

■ 224.3800,
-26.8093, -34.5363

■ 82.7670, -40.8041,
-72.5867

■ 236.5420,
-19.0012, -18.8923

■ 67.5050, -33.2800,
-59.2019

■ 248.8180,
-10.7563, -3.3484

■ 52.2430, -25.7558,
-45.8171

■ 37.5680, -18.5210,
-32.9471

■ 23.4800, -11.5756,

-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 0.0000, 0.0000,
0.0000

■ 169.9140,
-40.3836, -67.4536

■ 169.9140,
-40.3836, -67.4536

■ 160.8280,
-46.7502, -78.7792

■ 179.0000,
-34.0170, -56.1280

■ 151.9270,
-53.7010, -89.3900

■ 187.9010,
-27.0662, -45.5172


■ 142.8410,
-60.0676, -100.7156

■ 196.9870,
-20.6996, -34.1916

■ 134.4670,
-66.2922, -110.9116

■ 206.1870,
-13.8962, -22.9660

 215.0880, -6.9454,
-12.3552

 224.1740, -0.5788,
-1.0296

 233.3740, 6.2246,
10.1960

 237.3900, 8.6817,
15.4440

Harmonies

Analogous

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



181.0460, -83.8327, 8.7297



169.9140, -40.3836, -67.4536



155.5810, 4.6436, -136.4445

Triad

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



169.9140, -40.3836, -67.4536



155.8620, 48.8750, -136.6910



166.0020, -5.9170, 78.0512

Complementary

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



169.9140, -40.3836, -67.4536



143.0860, 40.3836, 67.4536

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.



176.0680, 27.5745, 69.2234



169.9140, -40.3836, -67.4536



181.5520, 36.2099, -40.8261

Square

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



169.9140, -40.3836, -67.4536



164.0800, 44.8236, -143.8982



196.8870, 28.6497, 50.9651



174.9310, -45.3220, 70.2205

Rectangle

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



169.9140, -40.3836, -67.4536



162.9110, 27.6519, -142.8729



196.8870, 28.6497, 50.9651



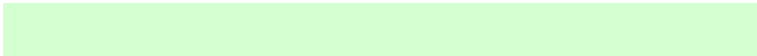
167.2050, 6.3079, 76.9962

Sweetspot

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



169.9140, -40.3836, -67.4536



236.6000, -13.6068, -22.4512



205.2730, -57.8156, 17.3006



116.3220, -8.5397, -14.3144



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.



169.9140, -40.3836, -67.4536



180.2750, -54.8586, -91.4492



175.4870, -12.5651, -76.7261



107.4570, -3.1833, -5.6628



105.1060, -51.8173, -86.9160



28.7740, -14.1856, -23.4808

Inverse Universe

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



143.0860, 40.3836, 67.4536



143.7250, 54.8586, 91.4492



137.5130, 12.5651, 76.7261



105.5430, 3.1833, 5.6628



70.8940, 51.8173, 86.9160



19.5250, 14.0382, 24.0956

Previews

White Background



This preview shows how the YUV color 169.9140, -40.3836, -67.4536 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 169.9140, -40.3836, -67.4536 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 169.9140, -40.3836, -67.4536 Background



This preview shows how black text looks on a background with the YUV color 169.9140, -40.3836, -67.4536.



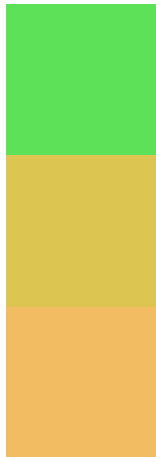
This preview shows how white text looks on a background with the YUV color 169.9140, -40.3836, -67.4536.

-67.4536.

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

169.9140, -40.3836, -67.4536

Protanopia

190.5390, -54.4957, 25.8373

Deuteranopia

194.0000, -46.8350, 42.0960



Tritanopia

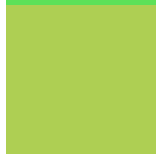
187.2240, 20.1026, -54.5704

Trichromacy



Original Color

169.9140, -40.3836, -67.4536



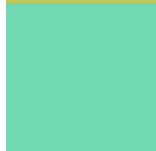
Protanomaly

182.9970, -49.2985, -7.8904



Deuteranomaly

185.0290, -44.3843, 2.6056



Tritanomaly

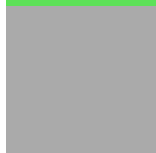
180.7570, -1.8522, -59.4229

Monochromacy



Original Color

169.9140, -40.3836, -67.4536



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.9480, -14.7644, -24.5104

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9140, -40.3836, -67.4536 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(93, 225, 88)` looks like.

```
.text, #text, p{  
    color:rgb(93, 225, 88)  
}
```

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(93, 225, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 225, 88) }
```

Border

The CSS property to change the border of an element to YUV 169.9140, -40.3836, -67.4536 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(93, 225, 88) }
```


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

```
.border{ border-color:rgb(93, 225, 88) }
```

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

Here you see how a box with a 4 pixel rgb(93, 225, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 225, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 225, 88);  
box-shadow:4px 4px 4px 4px rgb(93, 225,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 169.9140, -40.3836, -67.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 225, 88) }
```

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

```
.background{ background-color: rgb(93, 225,  
88) }
```

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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