

Converting Colors

YUV(159.0400, -48.3337,
-84.2271)

Have a look what the booklet for
YUV(159.0400, -48.3337, -84.2271)
contains.

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Color

**YUV(159.0400, -48.3337,
-84.2271)**

Conversions

Conversions Part 1

Format	Color
Hex	3FE33D
RGB	63, 227, 61
RGB Percent	25%, 89%, 24%
CMY	0.7529, 0.1098, 0.7608
CMYK	0.72, 0.00, 0.73, 0.11
HSL	119°, 75%, 56%
HSV	119°, 73%, 89%
XYZ	30.3613, 56.3319, 13.6878
YIQ	159.0400, -44.4580, -86.3940

Conversions

Conversions Part 2

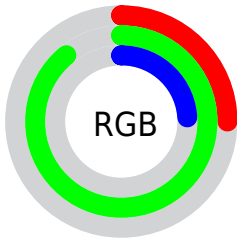
Format	Color
RYB	61, 227, 225
Decimal	4186941
CIELab	79.80, -71.15, 64.99
CIELCh	80, 96.360, 137.591
Yxy	56.3319, 0.3025, 0.5612
Android (android.graphics.Color)	4282377021 (0xFF3FE33D)
YUV	159.0400, -48.3337, -84.2271
Hunter-Lab	75.0545, -59.1381, 41.7254

Details

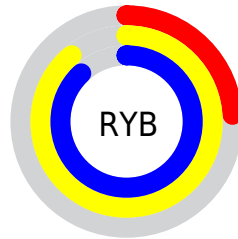
The YUV color **159.0400, -48.3337, -84.2271** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **128.9600, 48.3337, 84.2271**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2030, -42.0051, -60.6910**, and **99.7900, -49.1965, -87.5158** is the 20% darker color. If you saturate the color by 10%, you get **149.8400, -55.1371, -95.4527**, and if you desaturate by 10%, it is **168.2400, -41.5303, -73.0015**.

Distribution



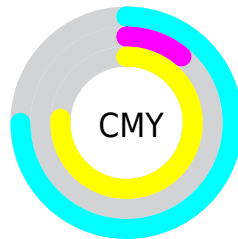
- Red (25%)
- Green (89%)
- Blue (24%)



- Red (24%)
- Yellow (89%)
- Blue (88%)



- Cyan (72%)
- Magenta (0%)
- Yellow (73%)
- Black (11%)



- Cyan (75%)
- Magenta (11%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0400, -48.3337, -84.2271 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 159.0400, -48.3337, -84.2271 by changing the saturation by 10% instead.

■ 159.0400,
-48.3337, -84.2271

■ 159.0400,
-48.3337, -84.2271

■ 255.0000, 0.0000,
0.0000

■ 119.3040,
-45.5059, -104.6296

■ 203.2030,
-42.0051, -60.6910

■ 99.7900, -49.1965,
-87.5158

■ 215.6640,
-34.3444, -44.4323

■ 83.3540, -41.0935,
-73.1015

■ 228.5380,
-26.3942, -27.6588

■ 68.0920, -33.5694,
-59.7167

■ 240.9990,
-18.7335, -11.4001

■ 52.2430, -25.7558,
-45.8171

■ 252.4920, -9.6096,
2.1995

■ 37.5680, -18.5210,
-32.9471

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 159.0400,
-48.3337, -84.2271

■ 159.0400,
-48.3337, -84.2271

■ 149.8400,
-55.1371, -95.4527

■ 168.2400,
-41.5303, -73.0015

■ 140.4550,
-61.3563, -107.3930

■ 177.6250,
-35.3111, -61.0611

■ 134.1460,
-66.1340, -115.0150

■ 186.8250,
-28.5077, -49.8355

■ 196.3240,
-21.8517, -37.9951

■ 205.5240,
-15.0483, -26.7695

■ 214.9090, -8.8291,
-14.8292

■ 224.1090, -2.0257,
-3.6036

■ 233.3090, 4.7777,
7.6220

■ 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



179.4820, -88.4846, 7.4703



159.0400, -48.3337, -84.2271



156.3160, -0.1558, -137.0891

Triad

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



159.0400, -48.3337, -84.2271



157.6230, 48.0069, -138.2354



150.7570, -0.8662, 91.4211

Complementary

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



159.0400, -48.3337, -84.2271



128.9600, 48.3337, 84.2271

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.



163.3650, 37.2881, 80.3639



159.0400, -48.3337, -84.2271



168.4070, 42.6903, -66.1319

Square

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



159.0400, -48.3337, -84.2271



166.4280, 43.6660, -145.9574



191.6040, 31.2542, 55.5983



165.1340, -49.8591, 78.8125

Rectangle

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



159.0400, -48.3337, -84.2271



164.6720, 26.7837, -144.4173



191.6040, 31.2542, 55.5983



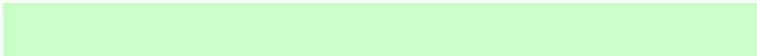
151.2420, 13.6847, 90.9958

Sweetspot

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



159.0400, -48.3337, -84.2271



232.1710, -16.3533, -28.2140



206.3150, -71.6403, 18.1407



114.2570, -9.9867, -16.8884



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.



159.0400, -48.3337, -84.2271



163.0860, -65.1184, -114.0854



167.5620, -13.0951, -93.4549



110.0440, -3.4727, -6.1776



105.6710, -52.0958, -90.9195



30.2360, -14.9063, -25.6400

Inverse Universe

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



128.9600, 48.3337, 84.2271



122.6150, 65.2658, 113.4706



120.4380, 13.0951, 93.4549



107.9560, 3.4727, 6.1776



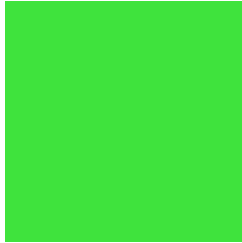
73.0300, 52.2432, 90.3047



20.7640, 14.9063, 25.6400

Previews

White Background



This preview shows how the YUV color 159.0400, -48.3337, -84.2271 looks on a white background.

Color Contrast Check

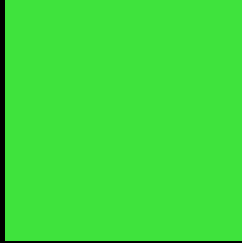
Large Text (above 18pt) WCAG AA × Fail

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 159.0400, -48.3337, -84.2271 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

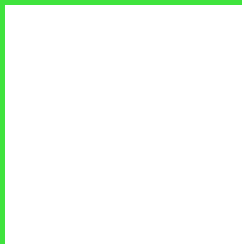
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.0400, -48.3337, -84.2271 Background



This preview shows how black text looks on a background with the YUV color 159.0400, -48.3337, -84.2271.



This preview shows how white text looks on a background with the YUV color 159.0400, -48.3337, -84.2271.

-84.2271.

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

159.0400, -48.3337, -84.2271

Protanopia

186.8740, -65.9999, 29.0515

Deuteranopia

190.9160, -56.1606, 46.5547



Tritanopia

183.1410, 22.6085, -65.0217

Trichromacy



Original Color

159.0400, -48.3337, -84.2271



Protanomaly

176.6300, -59.4706, -11.9535



Deuteranomaly

179.3030, -53.3934, -1.1427



Tritanomaly

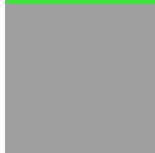
174.0390, -2.9772, -71.9482

Monochromacy



Original Color

159.0400, -48.3337, -84.2271



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.1060, -17.8003, -30.7880

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0400, -48.3337, -84.2271 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, 227, 61)` looks like.

```
.text, #text, p{  
    color:rgb(63, 227, 61)  
}
```

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, 227, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 227, 61) }
```

Border

The CSS property to change the border of an element to YUV 159.0400, -48.3337, -84.2271 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, 227, 61) }
```


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

```
.border{ border-color:rgb(63, 227, 61) }
```

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

Here you see how a box with a 4 pixel rgb(63, 227, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 227, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 227, 61);  
box-shadow:4px 4px 4px 4px rgb(63, 227,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 159.0400, -48.3337, -84.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 227, 61) }
```

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

```
.background{ background-color: rgb(63, 227,  
61) }
```

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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