

Converting Colors

YUV(165.1320, -37.5331,
-48.3508)

Have a look what the booklet for
YUV(165.1320, -37.5331, -48.3508)
contains.

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Color

**YUV(165.1320, -37.5331,
-48.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	6ED059
RGB	110, 208, 89
RGB Percent	43%, 82%, 35%
CMY	0.5686, 0.1843, 0.6510
CMYK	0.47, 0.00, 0.57, 0.18
HSL	109°, 56%, 58%
HSV	109°, 57%, 82%
XYZ	30.7895, 49.1480, 17.3149
YIQ	165.1320, -20.2090, -57.7850

Conversions

Conversions Part 2

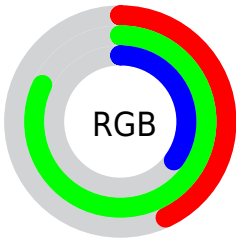
Format	Color
RYB	89, 208, 187
Decimal	7262297
CIELab	75.54, -51.19, 49.48
CIELCh	76, 71.194, 135.975
Yxy	49.1480, 0.3166, 0.5054
Android (android.graphics.Color)	4285452377 (0xFF6ED059)
YUV	165.1320, -37.5331, -48.3508
Hunter-Lab	70.1056, -44.2901, 34.4303

Details

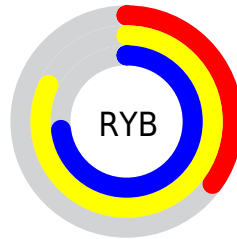
The YUV color **165.1320, -37.5331, -48.3508** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **131.8680, 37.5331, 48.3508**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1050, -36.5338, -42.1881**, and **108.5660, -35.7750, -52.2394** is the 20% darker color. If you saturate the color by 10%, you get **157.6550, -44.1999, -56.7024**, and if you desaturate by 10%, it is **172.6090, -30.8662, -39.9991**.

Distribution



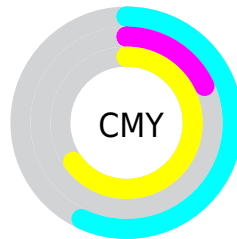
- Red (43%)
- Green (82%)
- Blue (35%)



- Red (35%)
- Yellow (82%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (57%)
- Black (18%)



- Cyan (57%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1320, -37.5331, -48.3508 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 165.1320, -37.5331, -48.3508 by changing the saturation by 10% instead.

■ 165.1320,
-37.5331, -48.3508

■ 165.1320,
-37.5331, -48.3508

■ 255.0000, 0.0000,
0.0000

■ 137.0610,
-36.5121, -49.1655

■ 216.1050,
-36.5338, -42.1881

■ 108.5660,
-35.7750, -52.2394

■ 227.9680,
-28.5782, -27.1589

■ 73.9620, -36.4633,
-64.8647

■ 239.8310,
-20.6227, -12.1298

■ 58.7000, -28.9391,
-51.4799

■ 251.6940,
-12.6671, 2.8994

■ 44.0250, -21.7043,
-38.6099

■ 30.5240, -15.0483,
-26.7695

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 165.1320,
-37.5331, -48.3508

■ 165.1320,
-37.5331, -48.3508

■ 157.6550,
-44.1999, -56.7024

■ 172.6090,
-30.8662, -39.9991

■ 150.1780,
-50.8668, -65.0541

■ 180.0860,
-24.1994, -31.6474

■ 142.8150,
-57.0968, -73.5058

■ 187.4490,
-17.9694, -23.1958

■ 135.0390,
-63.6162, -82.4722

■ 195.2250,
-11.4499, -14.2293

■ 133.1590,
-65.6474, -84.3314

■ 202.7020, -4.7831,
-5.8777

■ 210.1790, 1.8838,
2.4740

■ 217.6560, 8.5506,
10.8257

■ 225.0190, 14.7806,
19.2773

■ 227.4110, 13.6014,
24.1956

Harmonies

Analogous

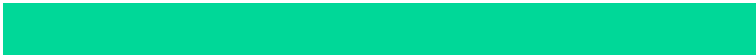
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.8070, -64.4879, 10.6933



165.1320, -37.5331, -48.3508



144.1200, 3.8848, -126.3932

Triad

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



165.1320, -37.5331, -48.3508



147.6440, 52.9265, -129.4838



167.1760, -6.4958, 77.0216

Complementary

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



165.1320, -37.5331, -48.3508



131.8680, 37.5331, 48.3508

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.



177.0480, 21.1753, 68.3639



165.1320, -37.5331, -48.3508



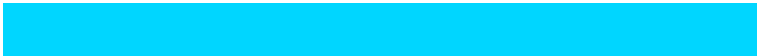
172.9910, 40.4304, -41.2111

Square

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



165.1320, -37.5331, -48.3508



154.6880, 49.4538, -135.6614



188.8470, 32.6134, 39.5992



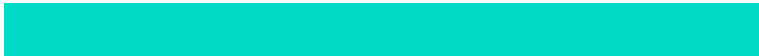
172.0760, -38.4915, 72.7243

Rectangle

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



165.1320, -37.5331, -48.3508



149.9510, 23.6882, -131.5070



188.8470, 32.6134, 39.5992



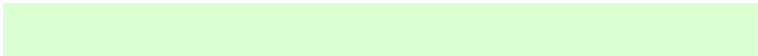
168.5100, 3.6926, 75.8517

Sweetspot

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



165.1320, -37.5331, -48.3508



239.3340, -13.4757, -17.8329



181.5200, -45.6124, 23.2230



118.7570, -8.2612, -10.3109



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.



165.1320, -37.5331, -48.3508



191.5810, -55.5024, -71.5465



163.1850, -17.8392, -65.0602



101.0550, -3.4781, -4.4332



107.5860, -53.0399, -68.0429



26.1600, -12.8969, -16.8033

Inverse Universe

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



131.8680, 37.5331, 48.3508



142.4190, 55.5024, 71.5465



133.8150, 17.8392, 65.0602



97.9450, 3.4781, 4.4332



60.7130, 52.8925, 68.6577



14.8400, 12.8969, 16.8033

Previews

White Background



This preview shows how the YUV color 165.1320, -37.5331, -48.3508 looks on a white background.

Color Contrast Check

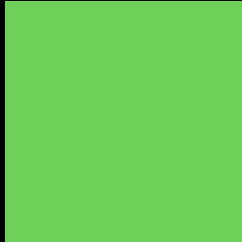
Large Text (above 18pt) WCAG AA × Fail

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 165.1320, -37.5331, -48.3508 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 165.1320, -37.5331, -48.3508 Background



This preview shows how black text looks on a background with the YUV color 165.1320, -37.5331, -48.3508.



This preview shows how white text looks on a background with the YUV color 165.1320, -37.5331, -48.3508.

-48.3508.

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

165.1320, -37.5331, -48.3508

Protanopia

179.2380, -47.9383, 22.5933

Deuteranopia

182.3570, -41.5880, 39.1519



Tritanopia

178.2860, 16.1280, -39.7158

Trichromacy



Original Color

165.1320, -37.5331, -48.3508

Protanomaly

173.8110, -43.7838, -3.3422

Deuteranomaly

176.2020, -40.0326, 6.8388

Tritanomaly

173.8130, -3.3588, -42.8090

Monochromacy



Original Color

165.1320, -37.5331, -48.3508

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2200, -13.9125, -17.7329

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1320, -37.5331, -48.3508 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(110, 208, 89)` looks like.

```
.text, #text, p{  
    color:rgb(110, 208, 89)  
}
```

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(110, 208, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 208, 89) }
```

Border

The CSS property to change the border of an element to YUV 165.1320, -37.5331, -48.3508 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(110, 208, 89) }
```


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

```
.border{ border-color:rgb(110, 208, 89) }
```

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

Here you see how a box with a 4 pixel rgb(110, 208, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 208, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 208, 89);  
box-shadow:4px 4px 4px 4px rgb(110, 208,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 165.1320, -37.5331, -48.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 208, 89) }
```

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

```
.background{ background-color: rgb(110,  
208, 89) }
```

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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