

Converting Colors

YUV(165.8900, -70.9378,
-67.4325)

Have a look what the booklet for
YUV(165.8900, -70.9378, -67.4325)
contains.

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Color

**YUV(165.8900, -70.9378,
-67.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	59E916
RGB	89, 233, 22
RGB Percent	35%, 91%, 9%
CMY	0.6510, 0.0863, 0.9137
CMYK	0.62, 0.00, 0.91, 0.09
HSL	101°, 83%, 50%
HSV	101°, 91%, 91%
XYZ	33.4036, 60.4596, 10.6684
YIQ	165.8900, -18.0930, -96.1490

Conversions

Conversions Part 2

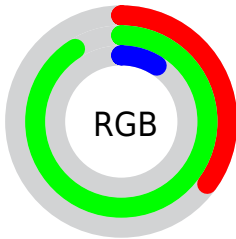
Format	Color
R _Y B	22, 233, 166
Decimal	5892374
CIE Lab	82.09, -69.94, 76.91
CIE LCh	82, 103.960, 132.282
Yxy	60.4596, 0.3196, 0.5784
Android (android.graphics.Color)	4284082454 (0xFF59E916)
YUV	165.8900, -70.9378, -67.4325
Hunter-Lab	77.7558, -59.3897, 46.2942

Details

The YUV color **165.8900, -70.9378, -67.4325** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **89.1100, 70.9378, 67.4325**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7460, -55.5838, -45.3812**, and **103.3120, -50.9328, -90.6046** is the 20% darker color. If you saturate the color by 10%, you get **158.8970, -78.3362, -74.4547**, and if you desaturate by 10%, it is **173.2960, -63.2499, -59.8956**.

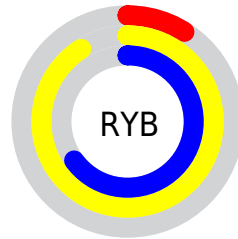
Distribution



Red (35%)

Green (91%)

Blue (9%)



Red (9%)

Yellow (91%)

Blue (65%)

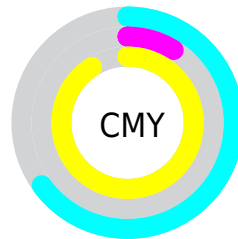


Cyan (62%)

Magenta (0%)

Yellow (91%)

Black (9%)



Cyan (65%)

Magenta (9%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8900, -70.9378, -67.4325 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 165.8900, -70.9378, -67.4325 by changing the saturation by 10% instead.

■ 165.8900,
-70.9378, -67.4325

■ 165.8900,
-70.9378, -67.4325

■ 255.0000, 0.0000,
0.0000

■ 134.3990,
-66.2587, -74.8949

■ 206.7460,
-55.5838, -45.3812

■ 103.3120,
-50.9328, -90.6046

■ 219.4350,
-47.0495, -29.3225

■ 86.8760, -42.8299,
-76.1903

■ 232.0100,
-38.9519, -13.1638

■ 71.0270, -35.0163,
-62.2907

■ 244.5850,
-30.8544, 2.9950

■ 55.7650, -27.4921,
-48.9059

■ 250.0980,
-18.7823, 4.2991

■ 41.0900, -20.2574,
-36.0359

■ 253.5180, -5.6784,

■ 26.4150, -13.0226,

1.2997

-23.1660

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 165.8900,
-70.9378, -67.4325

■ 165.8900,
-70.9378, -67.4325

■ 158.8970,
-78.3362, -74.4547

■ 173.2960,
-63.2499, -59.8956

■ 180.8160,
-55.1253, -52.4586

■ 188.2220,
-47.4374, -44.9217

■ 195.6280,
-39.7496, -37.3848

■ 203.1480,
-31.6250, -29.9478

■ 210.2550,
-23.7897, -23.0256

■ 217.6610,
-16.1019, -15.4887

■ 225.0670, -8.4140,
-7.9518

■ 232.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



187.5220, -92.4483, 18.8362



165.8900, -70.9378, -67.4325



158.7150, -8.7335, -139.1931

Triad

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



165.8900, -70.9378, -67.4325



164.6670, 44.5342, -144.4130



145.4060, 11.6318, 96.1139

Complementary

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



165.8900, -70.9378, -67.4325



89.1100, 70.9378, 67.4325

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.



165.1890, 44.2768, 78.7642



165.8900, -70.9378, -67.4325



148.2310, 52.6371, -129.9986

Square

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



165.8900, -70.9378, -67.4325



172.2980, 40.7721, -151.1053



197.4740, 28.3603, 50.4503



160.5180, -42.1604, 82.8607

Rectangle

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



165.8900, -70.9378, -67.4325



168.2280, 20.1006, -147.5360



197.4740, 28.3603, 50.4503



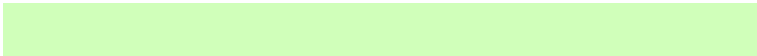
146.7060, 26.7669, 94.9738

Sweetspot

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



165.8900, -70.9378, -67.4325



233.0810, -23.2109, -21.9960



167.8560, -71.9070, 57.1313



114.9540, -13.7813, -13.1147



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.



165.8900, -70.9378, -67.4325



173.9040, -85.7347, -81.4768



149.8470, -45.7736, -112.1218



113.3540, -3.6255, -3.8185



123.2900, -60.7820, -58.1363



36.7810, -18.1330, -17.3479

Inverse Universe

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



89.1100, 70.9378, 67.4325



81.0960, 85.7347, 81.4768



105.1530, 45.7736, 112.1218



109.6460, 3.6255, 3.8185



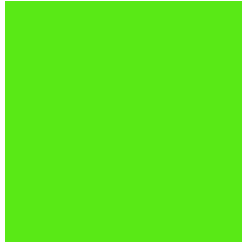
57.7100, 60.7820, 58.1363



17.2190, 18.1330, 17.3479

Previews

White Background



This preview shows how the YUV color 165.8900, -70.9378, -67.4325 looks on a white background.

Color Contrast Check

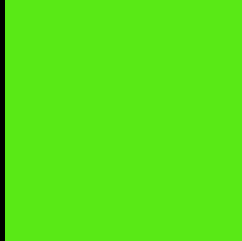
Large Text (above 18pt) WCAG AA × Fail

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 165.8900, -70.9378, -67.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

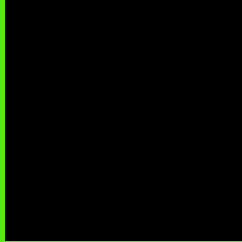
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

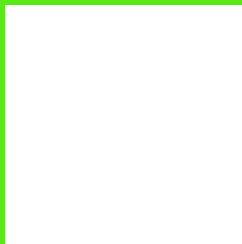
Any Text WCAG AAA ✓ Pass

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

YUV 165.8900, -70.9378, -67.4325 Background



This preview shows how black text looks on a background with the YUV color 165.8900, -70.9378, -67.4325.



This preview shows how white text looks on a background with the YUV color 165.8900, -70.9378, -67.4325.

-67.4325.

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

165.8900, -70.9378, -67.4325

Protanopia

187.3330, -92.3552, 35.6650

Deuteranopia

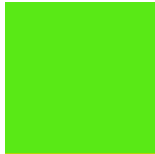
194.6920, -69.8542, 52.0131



Tritanopia

192.3270, 20.5448, -56.4148

Trichromacy



Original Color

165.8900, -70.9378, -67.4325



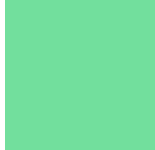
Protanomaly

179.4530, -84.5263, -2.1513



Deuteranomaly

184.3030, -70.1554, 8.5043



Tritanomaly

182.8850, -12.7613, -60.4121

Monochromacy



Original Color

165.8900, -70.9378, -67.4325



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.7880, -25.5315, -24.3701

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8900, -70.9378, -67.4325 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(89, 233, 22)` looks like.

```
.text, #text, p{  
    color:rgb(89, 233, 22)  
}
```

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(89, 233, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 233, 22) }
```

Border

The CSS property to change the border of an element to YUV 165.8900, -70.9378, -67.4325 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(89, 233, 22) }
```


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

```
.border{ border-color:rgb(89, 233, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 233, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 233, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 233, 22);  
box-shadow:4px 4px 4px 4px rgb(89, 233,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 165.8900, -70.9378, -67.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 233, 22) }
```

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

```
.background{ background-color: rgb(89, 233,  
22) }
```

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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