

Converting Colors

YUV(165.8580, -35.4260,
-70.9125)

Have a look what the booklet for
YUV(165.8580, -35.4260, -70.9125)
contains.

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Color

**YUV(165.8580, -35.4260,
-70.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	55DD5E
RGB	85, 221, 94
RGB Percent	33%, 87%, 37%
CMY	0.6667, 0.1333, 0.6314
CMYK	0.62, 0.00, 0.57, 0.13
HSL	124°, 67%, 60%
HSV	124°, 62%, 87%
XYZ	31.6231, 54.4523, 19.4333
YIQ	165.8580, -40.2890, -68.3290

Conversions

Conversions Part 2

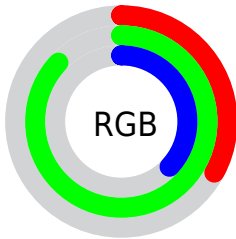
Format	Color
RYB	85, 213, 221
Decimal	5627230
CIELab	78.72, -61.83, 50.71
CIELCh	79, 79.969, 140.642
Yxy	54.4523, 0.2997, 0.5161
Android (android.graphics.Color)	4283817310 (0xFF55DD5E)
YUV	165.8580, -35.4260, -70.9125
Hunter-Lab	73.7918, -52.6404, 36.0401

Details

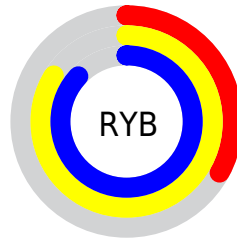
The YUV color **165.8580, -35.4260, -70.9125** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **140.1420, 35.4260, 70.9125**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5100, -30.8174, -55.6983**, and **101.4150, -30.2776, -88.9410** is the 20% darker color. If you saturate the color by 10%, you get **156.8860, -41.3558, -82.3380**, and if you desaturate by 10%, it is **174.8300, -29.4962, -59.4869**.

Distribution



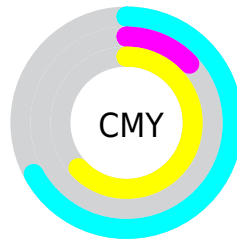
- Red (33%)
- Green (87%)
- Blue (37%)



- Red (33%)
- Yellow (84%)
- Blue (87%)



- Cyan (62%)
- Magenta (0%)
- Yellow (57%)
- Black (13%)



- Cyan (67%)
- Magenta (13%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8580, -35.4260, -70.9125 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 165.8580, -35.4260, -70.9125 by changing the saturation by 10% instead.

■ 165.8580,
-35.4260, -70.9125

■ 165.8580,
-35.4260, -70.9125

■ 255.0000, 0.0000,
0.0000

■ 134.8080,
-32.9363, -76.1306

■ 210.5100,
-30.8174, -55.6983

■ 101.4150,
-30.2776, -88.9410

■ 222.5580,
-23.4461, -39.9544

■ 80.8750, -37.8994,
-70.9274

■ 235.1330,
-15.3486, -23.7956

■ 65.1570, -32.1224,
-57.1427

■ 247.2950, -7.5404,
-8.1517

■ 49.8950, -24.5982,
-43.7579

■ 35.2200, -17.3635,
-30.8879

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 165.8580,
-35.4260, -70.9125

■ 165.8580,
-35.4260, -70.9125

■ 156.8860,
-41.3558, -82.3380

■ 174.8300,
-29.4962, -59.4869

■ 148.0280,
-46.8488, -93.8636

■ 183.6880,
-24.0032, -47.9614

■ 139.0560,
-52.7786, -105.2891

■ 192.6600,
-18.0734, -36.5358

■ 131.4370,
-57.4034, -115.2702

■ 201.6320,
-12.1436, -25.1103

■ 210.4900, -6.6506,
-13.5847

■ 219.7610, -0.8682,
-1.5444

■ 228.6190, 4.6248,
9.9811

■ 235.0420, 9.8393,
17.5032

Harmonies

Analogous

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



179.1190, -74.5017, 2.5266



165.8580, -35.4260, -70.9125



152.9880, 7.4009, -134.1705

Triad

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



165.8580, -35.4260, -70.9125



152.3400, 50.6114, -133.6022



166.3780, -9.5534, 77.7215

Complementary

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



165.8580, -35.4260, -70.9125



140.1420, 35.4260, 70.9125

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.



174.2270, 23.0591, 70.8379



165.8580, -35.4260, -70.9125



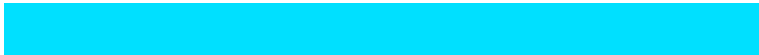
181.9170, 36.0299, -29.7452

Square

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



165.8580, -35.4260, -70.9125



160.5580, 46.5599, -140.8094



193.9520, 30.0967, 53.5391



174.5890, -46.6324, 70.5204

Rectangle

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



165.8580, -35.4260, -70.9125



160.0900, 29.5356, -140.3989



193.9520, 30.0967, 53.5391



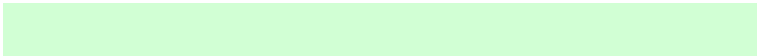
166.7660, 2.0874, 77.3812

Sweetspot

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



165.8580, -35.4260, -70.9125



236.3440, -12.0016, -23.9807



203.4030, -58.3727, 9.2936



116.2510, -7.5187, -15.1291



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.



165.8580, -35.4260, -70.9125



178.4250, -49.0165, -98.5967



173.3820, -6.5973, -77.5110



105.4570, -3.1833, -5.6628



102.8050, -45.2599, -90.1600



27.3440, -12.0016, -23.9807

Inverse Universe

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



140.1420, 35.4260, 70.9125



142.6890, 49.4533, 98.4967



132.6180, 6.5973, 77.5110



103.4290, 2.7465, 5.7628



70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807

Previews

White Background



This preview shows how the YUV color 165.8580, -35.4260, -70.9125 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 165.8580, -35.4260, -70.9125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

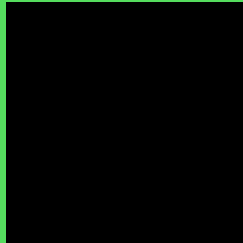
Any Text WCAG AA ✓ Pass

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 165.8580, -35.4260, -70.9125 Background



This preview shows how black text looks on a background with the YUV color 165.8580, -35.4260, -70.9125.



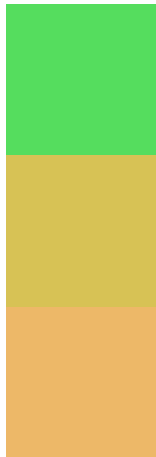
This preview shows how white text looks on a background with the YUV color 165.8580, -35.4260, -70.9125.

-70.9125.

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

165.8580, -35.4260, -70.9125

Protanopia

187.8530, -50.7065, 23.8079

Deuteranopia

190.7270, -42.7564, 40.5814



Tritanopia

182.9140, 20.2554, -56.9296

Trichromacy



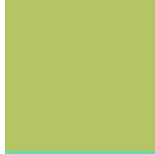
Original Color

165.8580, -35.4260, -70.9125



Protanomaly

180.0120, -45.3619, -10.5345



Deuteranomaly

181.4570, -40.1583, 0.4762



Tritanomaly

176.9030, 0.0478, -62.1819

Monochromacy



Original Color

165.8580, -35.4260, -70.9125



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.1050, -12.8698, -25.5251

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8580, -35.4260, -70.9125 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(85, 221, 94)` looks like.

```
.text, #text, p{  
    color:rgb(85, 221, 94)  
}
```

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(85, 221, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 221, 94) }
```

Border

The CSS property to change the border of an element to YUV 165.8580, -35.4260, -70.9125 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(85, 221, 94) }
```


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

```
.border{ border-color:rgb(85, 221, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 221, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 221, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 221, 94);  
box-shadow:4px 4px 4px 4px rgb(85, 221,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 165.8580, -35.4260, -70.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 221, 94) }
```

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

```
.background{ background-color: rgb(85, 221,  
94) }
```

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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