

Converting Colors

YUV(168.9560, -70.9703,
-56.9664)

Have a look what the booklet for
YUV(168.9560, -70.9703, -56.9664)
contains.

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Color

**YUV(168.9560, -70.9703,
-56.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	68E619
RGB	104, 230, 25
RGB Percent	41%, 90%, 10%
CMY	0.5922, 0.0980, 0.9020
CMYK	0.55, 0.00, 0.89, 0.10
HSL	97°, 80%, 50%
HSV	97°, 89%, 90%
XYZ	34.1812, 59.6069, 10.6234
YIQ	168.9560, -9.2910, -90.4670

Conversions

Conversions Part 2

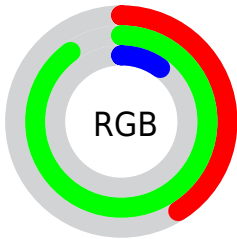
Format	Color
RYB	25, 230, 151
Decimal	6874649
CIELab	81.62, -65.23, 76.24
CIElCh	82, 100.339, 130.547
Yxy	59.6069, 0.3274, 0.5709
Android (android.graphics.Color)	4285064729 (0xFF68E619)
YUV	168.9560, -70.9703, -56.9664
Hunter-Lab	77.2055, -56.0823, 45.8856

Details

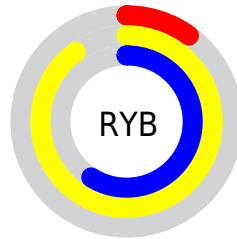
The YUV color **168.9560, -70.9703, -56.9664** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **86.0440, 70.9703, 56.9664**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4480, -56.9159, -38.1039**, and **108.1290, -53.3076, -75.5351** is the 20% darker color. If you saturate the color by 10%, you get **162.1480, -78.9530, -63.2738**, and if you desaturate by 10%, it is **175.7640, -62.9877, -50.6590**.

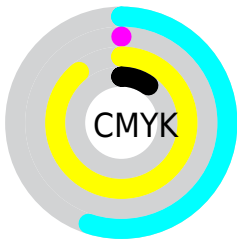
Distribution



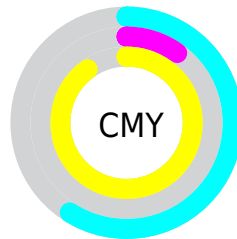
- Red (41%)
- Green (90%)
- Blue (10%)



- Red (10%)
- Yellow (90%)
- Blue (59%)



- Cyan (55%)
- Magenta (0%)
- Yellow (89%)
- Black (10%)



- Cyan (59%)
- Magenta (10%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9560, -70.9703, -56.9664 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 168.9560, -70.9703, -56.9664 by changing the saturation by 10% instead.

■ 168.9560,
-70.9703, -56.9664

■ 168.9560,
-70.9703, -56.9664

■ 255.0000, 0.0000,
0.0000

■ 138.9170,
-68.4861, -60.4402

■ 210.4480,
-56.9159, -38.1039

■ 108.1290,
-53.3076, -75.5351

■ 222.8380,
-48.2341, -22.6599

■ 85.7020, -42.2511,
-75.1607

■ 235.4130,
-40.1366, -6.5012

■ 69.8530, -34.4375,
-61.2611

■ 246.7920,
-31.4495, 7.1984

■ 54.5910, -26.9134,
-47.8763

■ 250.0980,
-18.7823, 4.2991

■ 39.9160, -19.6786,
-35.0063

■ 253.5180, -5.6784,

■ 25.8280, -12.7332,

1.2997

-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 168.9560,
-70.9703, -56.9664

■ 168.9560,
-70.9703, -56.9664

■ 162.1480,
-78.9530, -63.2738

■ 175.7640,
-62.9877, -50.6590

■ 161.6210,
-79.6792, -63.6886

■ 182.5720,
-55.0050, -44.3516

■ 189.3800,
-47.0223, -38.0443

■ 196.4870,
-39.1871, -31.1221

■ 203.2950,
-31.2044, -24.8147

■ 210.1030,
-23.2218, -18.5073

■ 216.9110,
-15.2391, -12.1999

■ 223.7190, -7.2565,
-5.8926

■ 230.5270, 0.7262,
0.4148

Harmonies

Analogous

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



186.3700, -91.8804, 23.3545



168.9560, -70.9703, -56.9664



156.9710, -10.3387, -137.6636

Triad

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



168.9560, -70.9703, -56.9664



164.0800, 44.8236, -143.8982



149.4980, 12.0795, 92.5253

Complementary

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



168.9560, -70.9703, -56.9664



86.0440, 70.9703, 56.9664

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.



169.8850, 41.9617, 74.6459



168.9560, -70.9703, -56.9664



148.8180, 52.3477, -130.5134

Square

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



168.9560, -70.9703, -56.9664



171.1240, 41.3509, -150.0757



197.1310, 28.5294, 42.8581



161.5440, -38.2292, 81.9609

Rectangle

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



168.9560, -70.9703, -56.9664



166.2560, 17.6218, -145.8065



197.1310, 28.5294, 42.8581



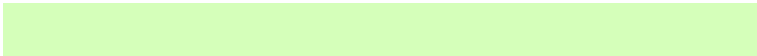
152.4450, 25.9096, 89.9407

Sweetspot

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



168.9560, -70.9703, -56.9664



234.5760, -23.9480, -18.9222



158.4960, -65.8135, 62.7090



115.5520, -14.0761, -11.8851



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.



168.9560, -70.9703, -56.9664



178.9870, -88.2406, -71.0256



147.6150, -50.5892, -107.5334



111.5390, -4.2097, -3.1037



125.7040, -61.9721, -49.7294



35.9170, -17.7071, -13.9592

Inverse Universe

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



86.0440, 70.9703, 56.9664



76.0130, 88.2406, 71.0256



107.3850, 50.5892, 107.5334



106.4610, 4.2097, 3.1037



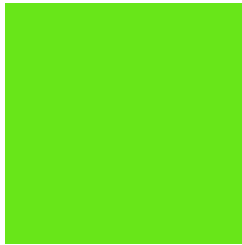
53.2960, 61.9721, 49.7294



15.0830, 17.7071, 13.9592

Previews

White Background



This preview shows how the YUV color 168.9560, -70.9703, -56.9664 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 168.9560, -70.9703, -56.9664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

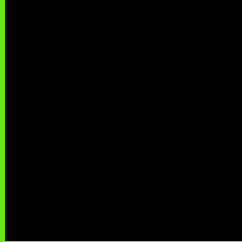
Any Text WCAG AA ✓ Pass

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 168.9560, -70.9703, -56.9664 Background



This preview shows how black text looks on a background with the YUV color 168.9560, -70.9703, -56.9664.



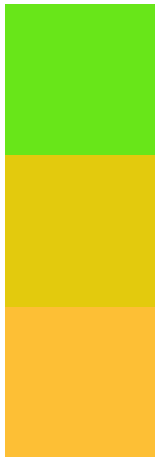
This preview shows how white text looks on a background with the YUV color 168.9560, -70.9703, -56.9664.

-56.9664.

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

168.9560, -70.9703, -56.9664

Protanopia

187.9290, -86.2400, 34.2653

Deuteranopia

193.8060, -69.4174, 51.9131



Tritanopia

192.9150, 18.7759, -49.0375

Trichromacy



Original Color

168.9560, -70.9703, -56.9664



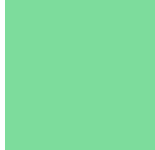
Protanomaly

180.8000, -80.7534, 1.0524



Deuteranomaly

184.7380, -69.8768, 12.5078



Tritanomaly

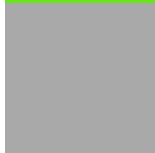
184.2990, -13.9514, -52.0052

Monochromacy



Original Color

168.9560, -70.9703, -56.9664



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.8100, -25.5423, -20.8814

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9560, -70.9703, -56.9664 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(104, 230, 25)` looks like.

```
.text, #text, p{  
    color:rgb(104, 230, 25)  
}
```

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(104, 230, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 230, 25) }
```

Border

The CSS property to change the border of an element to YUV 168.9560, -70.9703, -56.9664 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(104, 230, 25) }
```


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

```
.border{ border-color:rgb(104, 230, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 230, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 230, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 230, 25);  
box-shadow:4px 4px 4px 4px rgb(104, 230,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 168.9560, -70.9703, -56.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 230, 25) }
```

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

```
.background{ background-color: rgb(104,  
230, 25) }
```

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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