

Converting Colors

YUV(181.7670, -57.5661,
-62.9397)

Have a look what the booklet for
YUV(181.7670, -57.5661, -62.9397)
contains.

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Color

**YUV(181.7670, -57.5661,
-62.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	6EF141
RGB	110, 241, 65
RGB Percent	43%, 95%, 25%
CMY	0.5686, 0.0549, 0.7451
CMYK	0.54, 0.00, 0.73, 0.05
HSL	105°, 86%, 60%
HSV	105°, 73%, 95%
XYZ	38.8398, 66.6072, 15.8104
YIQ	181.7670, -21.5800, -82.5080

Conversions

Conversions Part 2

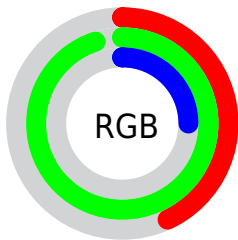
Format	Color
RYB	65, 241, 196
Decimal	7270721
CIELab	85.31, -65.62, 69.54
CIELCh	85, 95.618, 133.339
Yxy	66.6072, 0.3203, 0.5493
Android (android.graphics.Color)	4285460801 (0xFF6EF141)
YUV	181.7670, -57.5661, -62.9397
Hunter-Lab	81.6133, -57.8749, 45.6434

Details

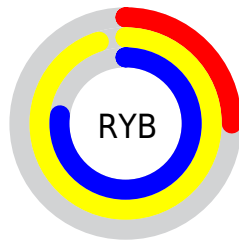
The YUV color **181.7670, -57.5661, -62.9397** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **124.2330, 57.5661, 62.9397**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1350, -45.4226, -37.8294**, and **118.1740, -58.2598, -73.8206** is the 20% darker color. If you saturate the color by 10%, you get **173.6490, -65.3960, -71.6062**, and if you desaturate by 10%, it is **189.8850, -49.7363, -54.2731**.

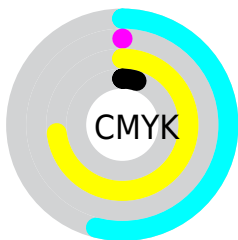
Distribution



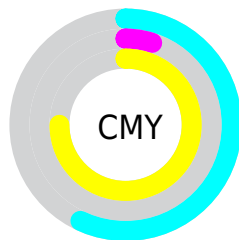
- Red (43%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (77%)



- Cyan (54%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)



- Cyan (57%)
- Magenta (5%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7670, -57.5661, -62.9397 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 181.7670, -57.5661, -62.9397 by changing the saturation by 10% instead.

181.7670,
-57.5661, -62.9397

181.7670,
-57.5661, -62.9397

255.0000, 0.0000,
0.0000

150.8870,
-59.5973, -64.7989

215.1350,
-45.4226, -37.8294

118.1740,
-58.2598, -73.8206

227.7100,
-37.3250, -21.6707

91.5720, -45.1450,
-80.3086

239.8720,
-29.5169, -6.0267

75.7230, -37.3314,
-66.4091

249.7560,
-20.0927, 4.5990

60.4610, -29.8073,
-53.0243

253.1760, -6.9888,
1.5996

45.1990, -22.2831,
-39.6395

31.6980, -15.6271,

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 181.7670,
-57.5661, -62.9397

■ 181.7670,
-57.5661, -62.9397

■ 173.6490,
-65.3960, -71.6062

■ 189.8850,
-49.7363, -54.2731

■ 165.5310,
-73.2258, -80.2727

■ 198.0030,
-41.9065, -45.6066

■ 160.0050,
-78.8825, -85.9504

■ 206.1210,
-34.0767, -36.9401

■ 214.2390,
-26.2468, -28.2736

■ 222.4710,
-17.9802, -19.7071

■ 230.5890,
-10.1504, -11.0406

■ 238.7070, -2.3206,
-2.3740

■ 246.4830, 4.1989,
6.5924

■ 246.7820, 4.0515,
7.2072

Harmonies

Analogous

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



195.1970, -96.2321, 19.1212



181.7670, -57.5661, -62.9397



165.3490, -3.6231, -145.0111

Triad

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



181.7670, -57.5661, -62.9397



168.7760, 42.5084, -148.0166



164.5150, 6.1551, 79.3553

Complementary

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



181.7670, -57.5661, -62.9397



124.2330, 57.5661, 62.9397

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.



179.2770, 37.3314, 66.4091



181.7670, -57.5661, -62.9397



171.7750, 41.0299, -93.6417

Square

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



181.7670, -57.5661, -62.9397



176.4070, 38.7463, -154.7089



204.5180, 24.8876, 44.2727



174.0820, -40.9594, 70.9651

Rectangle

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



181.7670, -57.5661, -62.9397



174.2920, 23.0270, -152.8541



204.5180, 24.8876, 44.2727



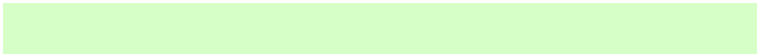
166.7610, 19.8378, 77.3856

Sweetspot

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



181.7670, -57.5661, -62.9397



236.0580, -18.2696, -20.2219



193.3470, -63.2751, 41.7917



116.6490, -11.1660, -11.9702



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.



181.7670, -57.5661, -62.9397



179.5310, -73.2258, -80.2727



172.9860, -33.0241, -94.7037



115.9410, -3.9149, -4.3333



122.0610, -60.1761, -65.8285



37.0580, -18.2696, -20.2219

Inverse Universe

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



124.2330, 57.5661, 62.9397



106.4690, 73.2258, 80.2727



133.0140, 33.0241, 94.7037



112.0590, 3.9149, 4.3333



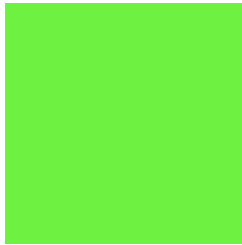
61.9390, 60.1761, 65.8285



18.9420, 18.2696, 20.2219

Previews

White Background



This preview shows how the YUV color 181.7670, -57.5661, -62.9397 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 181.7670, -57.5661, -62.9397 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

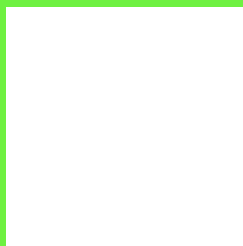
Any Text WCAG AAA ✓ Pass

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

YUV 181.7670, -57.5661, -62.9397 Background



This preview shows how black text looks on a background with the YUV color 181.7670, -57.5661, -62.9397.



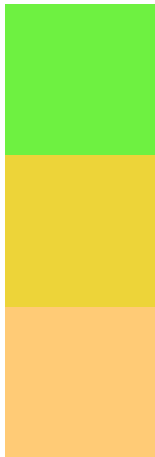
This preview shows how white text looks on a background with the YUV color 181.7670, -57.5661, -62.9397.

-62.9397.

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

181.7670, -57.5661, -62.9397

Protanopia

201.8050, -71.3889, 30.8660

Deuteranopia

208.8580, -44.7930, 40.4665



Tritanopia

202.8330, 19.8023, -51.5965

Trichromacy



Original Color

181.7670, -57.5661, -62.9397



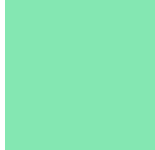
Protanomaly

194.8500, -66.4810, -3.3764



Deuteranomaly

199.0630, -49.3311, 2.5757



Tritanomaly

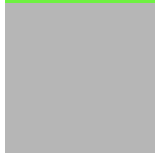
195.3570, -8.5570, -55.5641

Monochromacy



Original Color

181.7670, -57.5661, -62.9397



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.6510, -21.0269, -22.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7670, -57.5661, -62.9397 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, 241, 65)` looks like.

```
.text, #text, p{  
    color:rgb(110, 241, 65)  
}
```

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, 241, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 241, 65) }
```

Border

The CSS property to change the border of an element to YUV 181.7670, -57.5661, -62.9397 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, 241, 65) }
```


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

```
.border{ border-color:rgb(110, 241, 65) }
```

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

Here you see how a box with a 4 pixel rgb(110, 241, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 241, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 241, 65);  
box-shadow:4px 4px 4px 4px rgb(110, 241,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 181.7670, -57.5661, -62.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 241, 65) }
```

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

```
.background{ background-color: rgb(110,  
241, 65) }
```

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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