

Converting Colors

YUV(175.3580, -57.3645,
-80.9980)

Have a look what the booklet for
YUV(175.3580, -57.3645, -80.9980)
contains.

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Color

**YUV(175.3580, -57.3645,
-80.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	53F53B
RGB	83, 245, 59
RGB Percent	33%, 96%, 23%
CMY	0.6745, 0.0392, 0.7686
CMYK	0.66, 0.00, 0.76, 0.04
HSL	112°, 90%, 60%
HSV	112°, 76%, 96%
XYZ	37.0091, 67.4596, 15.2081
YIQ	175.3580, -36.8460, -92.1900

Conversions

Conversions Part 2

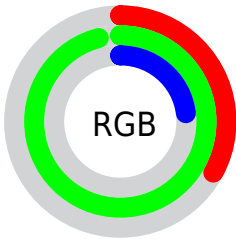
Format	Color
RYB	59, 245, 221
Decimal	5502267
CIELab	85.74, -73.40, 71.64
CIELCh	86, 102.566, 135.697
Yxy	67.4596, 0.3092, 0.5637
Android (android.graphics.Color)	4283692347 (0xFF53F53B)
YUV	175.3580, -57.3645, -80.9980
Hunter-Lab	82.1338, -63.3028, 46.5154

Details

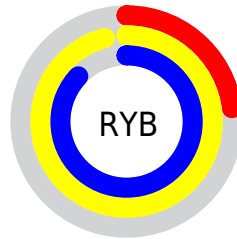
The YUV color **175.3580, -57.3645, -80.9980** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **128.6420, 57.3645, 80.9980**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4000, -44.0742, -50.3398**, and **109.7690, -54.1161, -96.2674** is the 20% darker color. If you saturate the color by 10%, you get **166.2290, -65.1889, -91.4088**, and if you desaturate by 10%, it is **184.4870, -49.5401, -70.5871**.

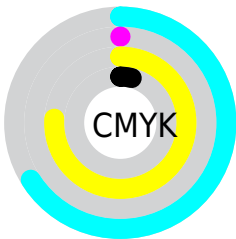
Distribution



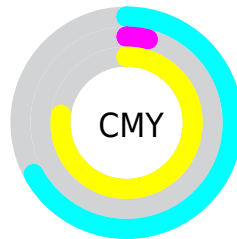
- Red (33%)
- Green (96%)
- Blue (23%)



- Red (23%)
- Yellow (96%)
- Blue (87%)



- Cyan (66%)
- Magenta (0%)
- Yellow (76%)
- Black (4%)



- Cyan (67%)
- Magenta (4%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3580, -57.3645, -80.9980 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 175.3580, -57.3645, -80.9980 by changing the saturation by 10% instead.

■ 175.3580,
-57.3645, -80.9980

■ 175.3580,
-57.3645, -80.9980

■ 255.0000, 0.0000,
0.0000

■ 140.0210,
-59.6634, -90.3494

■ 208.4000,
-44.0742, -50.3398

■ 109.7690,
-54.1161, -96.2674

■ 221.1600,
-36.5609, -33.4663

■ 93.3330, -46.0132,
-81.8530

■ 233.7350,
-28.4634, -17.3076

■ 77.4840, -38.1996,
-67.9535

■ 246.6090,
-20.5132, -0.5341

■ 61.6350, -30.3861,
-54.0539

■ 252.7200, -8.7360,
1.9996

■ 46.3730, -22.8619,
-40.6691

■ 32.2850, -15.9165,

-28.3139

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 175.3580,
-57.3645, -80.9980

■ 175.3580,
-57.3645, -80.9980

■ 166.2290,
-65.1889, -91.4088

■ 184.4870,
-49.5401, -70.5871


■ 156.9150,
-72.4291, -102.5345


■ 193.8010,
-42.2999, -59.4615


■ 153.3830,
-75.6178, -106.4529


■ 202.8160,
-34.9123, -48.9506


■ 211.9450,
-27.0879, -38.5398

 221.3730,
-19.4109, -27.5141

 230.3880,
-12.0233, -17.0033

 239.5170, -4.1989,
-6.5924

 248.8310, 3.0413,
4.5332

 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



195.1530, -96.2104, 12.1438



175.3580, -57.3645, -80.9980



168.2670, -2.5966, -147.5702

Triad

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



175.3580, -57.3645, -80.9980



169.3630, 42.2190, -148.5314



157.0320, 5.4072, 85.9179

Complementary

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



175.3580, -57.3645, -80.9980



128.6420, 57.3645, 80.9980

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.



171.6460, 41.0935, 73.1015



175.3580, -57.3645, -80.9980



172.9820, 40.4349, -89.4382

Square

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



175.3580, -57.3645, -80.9980



178.1680, 37.8782, -156.2533



200.4090, 26.9134, 47.8763



171.0840, -47.3694, 73.5943

Rectangle

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



175.3580, -57.3645, -80.9980



176.0190, 27.1056, -154.3687



200.4090, 26.9134, 47.8763



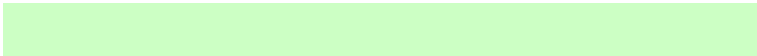
157.7450, 20.8317, 85.2926

Sweetspot

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



175.3580, -57.3645, -80.9980



233.0250, -18.2533, -25.4549



209.1210, -74.0097, 31.4659



114.3280, -11.0077, -16.0737



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.



175.3580, -57.3645, -80.9980



168.1540, -71.5609, -100.9901



175.9340, -24.1245, -102.5511



117.6420, -3.7675, -4.9480



116.3580, -57.3645, -80.9980



37.0250, -18.2533, -25.4549

Inverse Universe

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



128.6420, 57.3645, 80.9980



109.8460, 71.5609, 100.9901



128.0660, 24.1245, 102.5511



114.6570, 3.6201, 5.5628



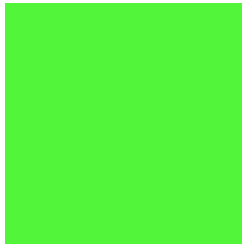
69.6420, 57.3645, 80.9980



21.9750, 18.2533, 25.4549

Previews

White Background



This preview shows how the YUV color 175.3580, -57.3645, -80.9980 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 175.3580, -57.3645, -80.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

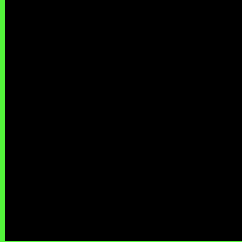
Any Text WCAG AA ✓ Pass

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 175.3580, -57.3645, -80.9980 Background



This preview shows how black text looks on a background with the YUV color 175.3580, -57.3645, -80.9980.



This preview shows how white text looks on a background with the YUV color 175.3580, -57.3645, -80.9980.

-80.9980.

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

175.3580, -57.3645, -80.9980

Protanopia

202.3060, -74.5939, 32.1806

Deuteranopia

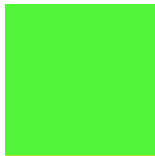
209.9010, -43.3352, 39.5518



Tritanopia

199.9670, 23.1873, -63.9921

Trichromacy



Original Color

175.3580, -57.3645, -80.9980



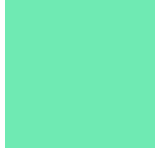
Protanomaly

192.6490, -68.3540, -9.3392



Deuteranomaly

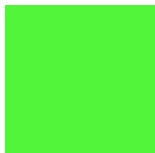
197.2470, -48.4358, -4.6016



Tritanomaly

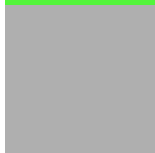
190.9530, -5.8928, -70.1188

Monochromacy



Original Color

175.3580, -57.3645, -80.9980



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.0200, -20.7159, -28.9585

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3580, -57.3645, -80.9980 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(83, 245, 59)` looks like.

```
.text, #text, p{  
    color:rgb(83, 245, 59)  
}
```

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(83, 245, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 245, 59) }
```

Border

The CSS property to change the border of an element to YUV 175.3580, -57.3645, -80.9980 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(83, 245, 59) }
```


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

```
.border{ border-color:rgb(83, 245, 59) }
```

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

Here you see how a box with a 4 pixel rgb(83, 245, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 245, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 245, 59);  
box-shadow:4px 4px 4px 4px rgb(83, 245,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 175.3580, -57.3645, -80.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 245, 59) }
```

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

```
.background{ background-color: rgb(83, 245,  
59) }
```

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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