

Converting Colors

YUV(177.9440, -52.7234,
-76.2499)

Have a look what the booklet for
YUV(177.9440, -52.7234, -76.2499)
contains.

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Color

**YUV(177.9440, -52.7234,
-76.2499)**

Conversions

Conversions Part 1

Format	Color
Hex	5BF347
RGB	91, 243, 71
RGB Percent	36%, 95%, 28%
CMY	0.6431, 0.0471, 0.7216
CMYK	0.63, 0.00, 0.71, 0.05
HSL	113°, 88%, 62%
HSV	113°, 71%, 95%
XYZ	37.5023, 66.7803, 16.8745
YIQ	177.9440, -35.3800, -85.7160

Conversions

Conversions Part 2

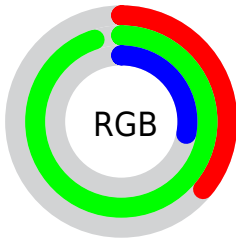
Format	Color
RYB	71, 243, 223
Decimal	6026055
CIELab	85.39, -70.31, 67.39
CIELCh	85, 97.389, 136.217
Yxy	66.7803, 0.3095, 0.5512
Android (android.graphics.Color)	4284216135 (0xFF5BF347)
YUV	177.9440, -52.7234, -76.2499
Hunter-Lab	81.7192, -61.0919, 44.9604

Details

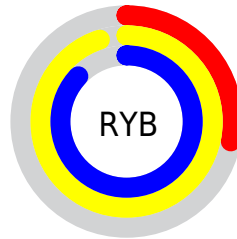
The YUV color **177.9440, -52.7234, -76.2499** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **136.0560, 52.7234, 76.2499**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9210, -40.8801, -48.1657**, and **108.5950, -53.5373, -95.2378** is the 20% darker color. If you saturate the color by 10%, you get **168.9290, -60.1110, -86.7607**, and if you desaturate by 10%, it is **186.9590, -45.3358, -65.7390**.

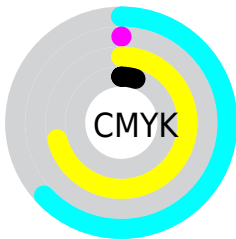
Distribution



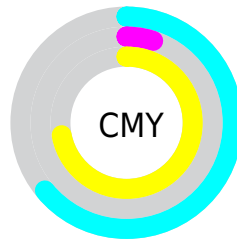
- Red (36%)
- Green (95%)
- Blue (28%)



- Red (28%)
- Yellow (95%)
- Blue (87%)



- Cyan (63%)
- Magenta (0%)
- Yellow (71%)
- Black (5%)



- Cyan (64%)
- Magenta (5%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9440, -52.7234, -76.2499 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 177.9440, -52.7234, -76.2499 by changing the saturation by 10% instead.

177.9440,
-52.7234, -76.2499

177.9440,
-52.7234, -76.2499

255.0000, 0.0000,
0.0000

145.3130,
-52.4123, -82.7125

210.9210,
-40.8801, -48.1657

108.5950,
-53.5373, -95.2378

223.7950,
-32.9299, -31.3922

92.7460, -45.7238,
-81.3382

236.2560,
-25.2692, -15.1335

76.3100, -37.6208,
-66.9239

248.8310,
-17.1717, 1.0252

61.0480, -30.0967,
-53.5391

253.7460, -4.8048,
1.0998

45.7860, -22.5725,
-40.1543

31.6980, -15.6271,

-27.7991

■ 15.8490, -7.8136,
-13.8996

■ 0.0000, 0.0000,
0.0000

■ 177.9440,
-52.7234, -76.2499

■ 177.9440,
-52.7234, -76.2499

■ 168.9290,
-60.1110, -86.7607

■ 186.9590,
-45.3358, -65.7390

■ 159.5010,
-67.7880, -97.7864

■ 196.3870,
-37.6588, -54.7134

■ 151.0130,
-74.4494, -107.8824

■ 205.4020,
-30.2712, -44.2026

■ 214.7160,
-23.0310, -33.0769

■ 223.7310,
-15.6434, -22.5661

■ 233.1590, -7.9664,
-11.5404

■ 242.1740, -0.5788,
-1.0296

■ 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



193.6800, -95.4842, 12.5586



177.9440, -52.7234, -76.2499



166.8480, -0.4181, -146.3257

Triad

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



177.9440, -52.7234, -76.2499



167.6020, 43.0872, -146.9870



162.9020, 2.5133, 80.7699

Complementary

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



177.9440, -52.7234, -76.2499



136.0560, 52.7234, 76.2499

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.



176.3420, 38.7784, 68.9831



177.9440, -52.7234, -76.2499



180.4790, 36.7389, -70.5801

Square

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



177.9440, -52.7234, -76.2499



176.4070, 38.7463, -154.7089



201.5830, 26.3346, 46.8467



174.7030, -46.1956, 70.4205

Rectangle

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



177.9440, -52.7234, -76.2499



176.0190, 27.1056, -154.3687



201.5830, 26.3346, 46.8467



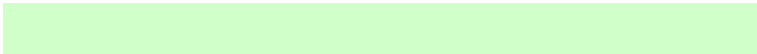
163.3870, 17.0642, 80.3446

Sweetspot

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



177.9440, -52.7234, -76.2499



234.7910, -16.6590, -23.4957



211.6520, -69.3414, 27.4922



115.6810, -9.7027, -14.6292



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.



177.9440, -52.7234, -76.2499



172.8540, -66.4830, -96.3420



179.4880, -20.9466, -95.1440



117.6420, -3.7675, -4.9480



115.7600, -57.0697, -82.2275



36.7260, -18.1059, -26.0697

Inverse Universe

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



136.0560, 52.7234, 76.2499



120.1460, 66.4830, 96.3420



134.5120, 20.9466, 95.1440



114.6570, 3.6201, 5.5628



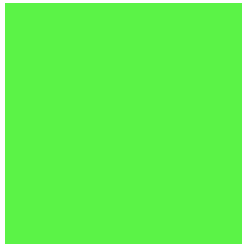
70.5390, 56.9223, 82.8423



22.2740, 18.1059, 26.0697

Previews

White Background



This preview shows how the YUV color 177.9440, -52.7234, -76.2499 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 177.9440, -52.7234, -76.2499 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

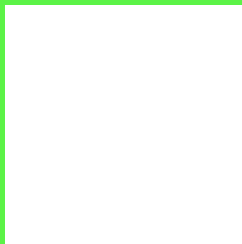
Any Text WCAG AAA ✓ Pass

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

YUV 177.9440, -52.7234, -76.2499 Background



This preview shows how black text looks on a background with the YUV color 177.9440, -52.7234, -76.2499.



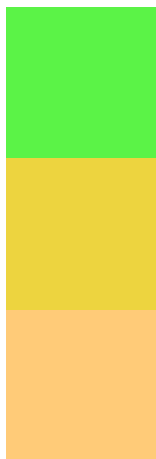
This preview shows how white text looks on a background with the YUV color 177.9440, -52.7234, -76.2499.

-76.2499.

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

177.9440, -52.7234, -76.2499

Protanopia

202.4890, -68.7681, 30.2661

Deuteranopia

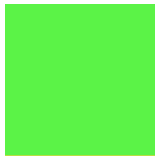
209.0860, -43.9194, 40.2666



Tritanopia

200.3480, 22.0134, -60.8182

Trichromacy



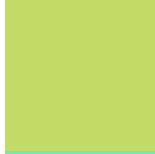
Original Color

177.9440, -52.7234, -76.2499



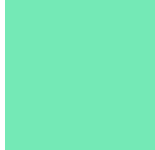
Protanomaly

193.4410, -62.8284, -8.2798



Deuteranomaly

197.8990, -47.2782, -2.5424



Tritanomaly

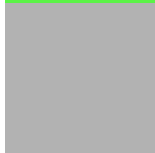
192.2030, -5.0301, -66.8300

Monochromacy



Original Color

177.9440, -52.7234, -76.2499



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0740, -19.2635, -28.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9440, -52.7234, -76.2499 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(91, 243, 71)` looks like.

```
.text, #text, p{  
    color:rgb(91, 243, 71)  
}
```

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(91, 243, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 243, 71) }
```

Border

The CSS property to change the border of an element to YUV 177.9440, -52.7234, -76.2499 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(91, 243, 71) }
```


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

```
.border{ border-color:rgb(91, 243, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 243, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 243, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 243, 71);  
box-shadow:4px 4px 4px 4px rgb(91, 243,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 177.9440, -52.7234, -76.2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 243, 71) }
```

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

```
.background{ background-color: rgb(91, 243,  
71) }
```

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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