

Converting Colors

YUV(175.5070, -46.5920,
-82.8826)

Have a look what the booklet for
YUV(175.5070, -46.5920, -82.8826)
contains.

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Color

**YUV(175.5070, -46.5920,
-82.8826)**

Conversions

Conversions Part 1

Format	Color
Hex	51F251
RGB	81, 242, 81
RGB Percent	32%, 95%, 32%
CMY	0.6824, 0.0510, 0.6824
CMYK	0.67, 0.00, 0.67, 0.05
HSL	120°, 86%, 63%
HSV	120°, 67%, 95%
XYZ	36.6307, 65.8477, 18.5638
YIQ	175.5070, -44.2750, -84.2030

Conversions

Conversions Part 2

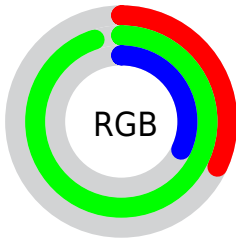
Format	Color
R_{YB}	81, 242, 242
Decimal	5370449
CIE Lab	84.92, -71.13, 63.10
CIE LCh	85, 95.083, 138.425
Yxy	65.8477, 0.3026, 0.5440
Android (android.graphics.Color)	4283560529 (0xFF51F251)
YUV	175.5070, -46.5920, -82.8826
Hunter-Lab	81.1466, -61.4292, 43.2389

Details

The YUV color **175.5070, -46.5920, -82.8826** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **147.4930, 46.5920, 82.8826**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5550, -35.7696, -53.9837**, and **109.4900, -47.5696, -96.0227** is the 20% darker color. If you saturate the color by 10%, you get **165.5950, -53.5373, -95.2378**, and if you desaturate by 10%, it is **185.4190, -39.6466, -70.5275**.

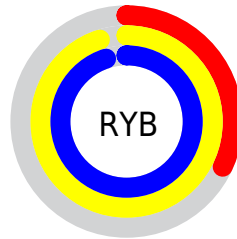
Distribution



Red (32%)

Green (95%)

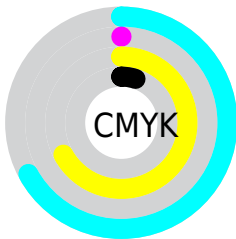
Blue (32%)



Red (32%)

Yellow (95%)

Blue (95%)

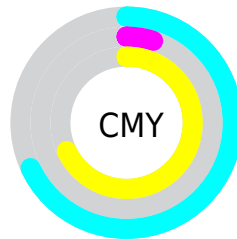


Cyan (67%)

Magenta (0%)

Yellow (67%)

Black (5%)



Cyan (68%)

Magenta (5%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5070, -46.5920, -82.8826 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 175.5070, -46.5920, -82.8826 by changing the saturation by 10% instead.

■ 175.5070,
-46.5920, -82.8826

■ 175.5070,
-46.5920, -82.8826

■ 255.0000, 0.0000,
0.0000

■ 141.7230,
-44.2334, -92.7191

■ 209.5550,
-35.7696, -53.9837

■ 109.4900,
-47.5696, -96.0227

■ 222.3150,
-28.2563, -37.1103

■ 91.5720, -45.1450,
-80.3086

■ 234.8900,
-20.1588, -20.9515

■ 75.7230, -37.3314,
-66.4091

■ 247.4650,
-12.0612, -4.7928

■ 60.4610, -29.8073,
-53.0243

■ 254.6580, -1.3104,
0.2999

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 175.5070,
-46.5920, -82.8826

■ 175.5070,
-46.5920, -82.8826

■ 165.5950,
-53.5373, -95.2378

■ 185.4190,
-39.6466, -70.5275

■ 155.6830,
-60.4827, -107.5930

■ 195.3310,
-32.7012, -58.1723

■ 145.3580,
-67.7175, -120.4630

■ 205.6560,
-25.4664, -45.3023

■ 142.0540,
-70.0326, -124.5814

■ 215.5680,
-18.5210, -32.9471

■ 225.4800,
-11.5756, -20.5920

■ 235.3920, -4.6303,
-8.2368

■ 245.3040, 2.3151,
4.1184

■ 247.3690, 3.7621,
6.6924

Harmonies

Analogous

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



192.1740, -94.7418, 7.7404



175.5070, -46.5920, -82.8826



167.0590, 2.9289, -146.5107

Triad

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



175.5070, -46.5920, -82.8826



165.8410, 43.9554, -145.4426



164.4520, -1.7018, 79.4106

Complementary

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



175.5070, -46.5920, -82.8826



147.4930, 46.5920, 82.8826

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.



175.8860, 37.0312, 69.3830



175.5070, -46.5920, -82.8826



186.5030, 33.7690, -51.3071

Square

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



175.5070, -46.5920, -82.8826



174.6460, 39.6145, -153.1645



199.8220, 27.2028, 48.3911



176.5950, -49.1003, 68.7612

Rectangle

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



175.5070, -46.5920, -82.8826



175.4150, 29.8684, -153.8390



199.8220, 27.2028, 48.3911



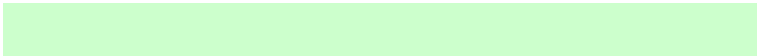
164.9370, 12.8491, 78.9853

Sweetspot

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



175.5070, -46.5920, -82.8826



233.9370, -14.7589, -26.2547



223.6460, -70.3245, 16.0965



115.1970, -8.9711, -15.9588



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.



175.5070, -46.5920, -82.8826



170.7480, -59.0358, -105.0190



184.7410, -11.2113, -90.9809



115.0440, -3.4727, -6.1776



108.0080, -53.2479, -94.7230



32.8720, -16.2059, -28.8287

Inverse Universe

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



147.4930, 46.5920, 82.8826



135.2520, 59.0358, 105.0190



138.3730, 11.6481, 90.8809



112.9560, 3.4727, 6.1776



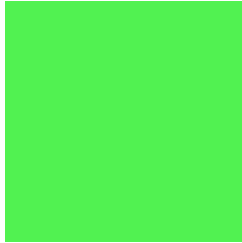
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 175.5070, -46.5920, -82.8826 looks on a white background.

Color Contrast Check

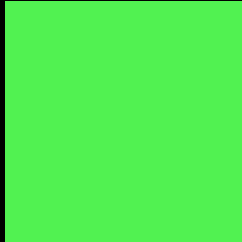
Large Text (above 18pt) WCAG AA × Fail

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 175.5070, -46.5920, -82.8826 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 175.5070, -46.5920, -82.8826 Background



This preview shows how black text looks on a background with the YUV color 175.5070, -46.5920, -82.8826.



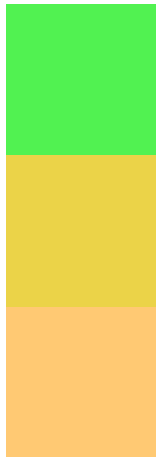
This preview shows how white text looks on a background with the YUV color 175.5070, -46.5920, -82.8826.

-82.8826.

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

175.5070, -46.5920, -82.8826

Protanopia

202.3300, -64.2527, 28.6516

Deuteranopia

207.3420, -45.5246, 41.7961



Tritanopia

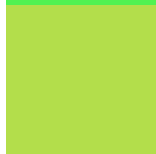
197.3690, 23.4821, -65.2216

Trichromacy



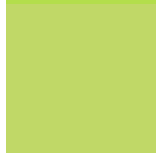
Original Color

175.5070, -46.5920, -82.8826



Protanomaly

192.3850, -57.8708, -11.7386



Deuteranomaly

195.9420, -45.8204, -3.4571



Tritanomaly

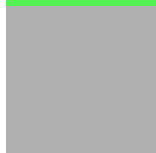
189.5660, -2.2510, -71.5334

Monochromacy



Original Color

175.5070, -46.5920, -82.8826



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.6330, -17.0741, -30.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5070, -46.5920, -82.8826 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(81, 242, 81)` looks like.

```
.text, #text, p{  
    color:rgb(81, 242, 81)  
}
```

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(81, 242, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 242, 81) }
```

Border

The CSS property to change the border of an element to YUV 175.5070, -46.5920, -82.8826 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(81, 242, 81) }
```


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

```
.border{ border-color:rgb(81, 242, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 242, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 242, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 242, 81);  
box-shadow:4px 4px 4px 4px rgb(81, 242,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 175.5070, -46.5920, -82.8826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 242, 81) }
```

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

```
.background{ background-color: rgb(81, 242,  
81) }
```

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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