

Converting Colors

YUV(188.5070, -46.5920,
-82.8826)

Have a look what the booklet for
YUV(188.5070, -46.5920, -82.8826)
contains.

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Color

**YUV(188.5070, -46.5920,
-82.8826)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFF5E
RGB	94, 255, 94
RGB Percent	37%, 100%, 37%
CMY	0.6314, 0.0000, 0.6314
CMYK	0.63, 0.00, 0.63, 0.00
HSL	120°, 100%, 68%
HSV	120°, 63%, 100%
XYZ	42.3965, 74.7078, 22.7752
YIQ	188.5070, -44.2750, -84.2030

Conversions

Conversions Part 2

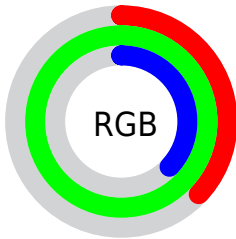
Format	Color
RYB	94, 255, 255
Decimal	6225758
CIELab	89.26, -71.66, 62.75
CIELCh	89, 95.251, 138.790
Yxy	74.7078, 0.3031, 0.5341
Android (android.graphics.Color)	4284415838 (0xFF5EFF5E)
YUV	188.5070, -46.5920, -82.8826
Hunter-Lab	86.4337, -63.7032, 44.8807

Details

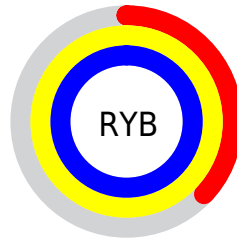
The YUV color **188.5070, -46.5920, -82.8826** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **160.4930, 46.5920, 82.8826**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6250, -31.8601, -47.9061**, and **119.5150, -42.1589, -104.8147** is the 20% darker color. If you saturate the color by 10%, you get **178.1820, -53.8267, -95.7526**, and if you desaturate by 10%, it is **199.2450, -39.0678, -69.4979**.

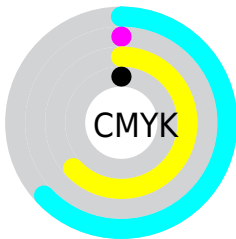
Distribution



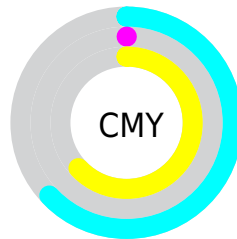
- Red (37%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (100%)



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



- Cyan (63%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5070, -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 188.5070, -46.5920, -82.8826 by changing the saturation by 10% instead.

■ 188.5070,
-46.5920, -82.8826

■ 188.5070,
-46.5920, -82.8826

■ 255.0000, 0.0000,
0.0000

■ 156.3320,
-44.5337, -89.7452

■ 214.6250,
-31.8601, -47.9061

■ 119.5150,
-42.1589, -104.8147

■ 227.0860,
-24.1994, -31.6474

■ 99.2030, -48.9071,
-87.0010

■ 239.6610,
-16.1019, -15.4887

■ 82.7670, -40.8041,
-72.5867

■ 252.5350, -8.1518,
1.2848

■ 66.9180, -32.9906,
-58.6871

■ 51.6560, -25.4664,
-45.3023

■ 36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 188.5070,
-46.5920, -82.8826

■ 188.5070,
-46.5920, -82.8826

■ 178.1820,
-53.8267, -95.7526

■ 199.2450,
-39.0678, -69.4979

■ 167.4440,
-61.3509, -109.1374

■ 209.5700,
-31.8330, -56.6279

■ 157.1190,
-68.5857, -122.0074

■ 220.3080,
-24.3088, -43.2431

■ 149.6850,
-73.7947, -131.2737

■ 230.6330,
-17.0741, -30.3731

■ 241.3710, -9.5499,
-16.9884

■ 251.6960, -2.3151,
-4.1184

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



202.8060, -99.9834, 8.9401



188.5070, -46.5920, -82.8826



170.8890, 7.4497, -149.8697

Triad

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



188.5070, -46.5920, -82.8826



172.8850, 40.4827, -151.6201



173.8100, -1.3853, 71.2036

Complementary

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



188.5070, -46.5920, -82.8826



160.4930, 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.



183.9730, 35.0163, 62.2907



188.5070, -46.5920, -82.8826



199.2280, 27.4956, -45.8040

Square

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



188.5070, -46.5920, -82.8826



178.7550, 37.5888, -156.7681



206.8660, 23.7301, 42.2135



184.8930, -47.7682, 61.4838

Rectangle

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



188.5070, -46.5920, -82.8826



178.0710, 34.9680, -156.1683



206.8660, 23.7301, 42.2135



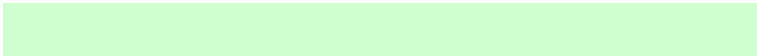
174.2950, 13.1656, 70.7783

Sweetspot

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



188.5070, -46.5920, -82.8826



235.1760, -13.8908, -24.7104



236.6460, -70.3245, 16.0965



115.6100, -8.6817, -15.4440



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.



188.5070, -46.5920, -82.8826



174.8780, -56.1419, -99.8710



197.7410, -11.2113, -90.9809



122.6310, -3.7621, -6.6924



112.1170, -55.2737, -98.3266



37.5680, -18.5210, -32.9471

Inverse Universe

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



160.4930, 46.5920, 82.8826



141.1220, 56.1419, 99.8710



151.3730, 11.6481, 90.8809



120.3690, 3.7621, 6.6924



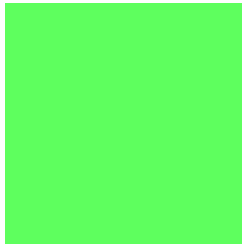
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 188.5070, -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 188.5070, -46.5920, -82.8826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

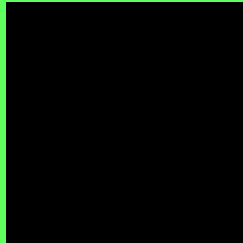
Any Text WCAG AA ✓ Pass

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 188.5070, -46.5920, -82.8826 Background



This preview shows how black text looks on a background with the YUV color 188.5070, -46.5920, -82.8826.



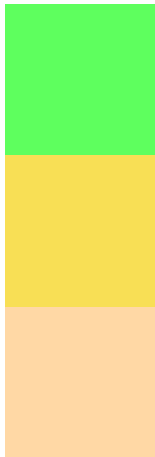
This preview shows how white text looks on a background with the YUV color 188.5070, -46.5920, -82.8826.

-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

188.5070, -46.5920, -82.8826

Protanopia

214.7430, -63.9633, 29.1664

Deuteranopia

221.8470, -28.0256, 29.0752



Tritanopia

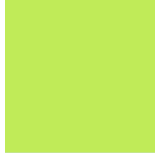
211.8430, 21.2764, -57.7443

Trichromacy



Original Color

188.5070, -46.5920, -82.8826



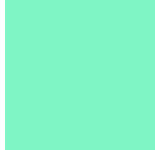
Protanomaly

205.3850, -57.8708, -11.7386



Deuteranomaly

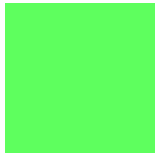
209.4600, -34.7368, -11.8044



Tritanomaly

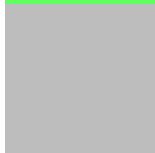
203.5450, -3.7197, -67.1300

Monochromacy



Original Color

188.5070, -46.5920, -82.8826



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.6330, -17.0741, -30.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5070, -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(94, 255, 94)` looks like.

```
.text, #text, p{  
    color:rgb(94, 255, 94)  
}
```

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(94, 255, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 255, 94) }
```

Border

The CSS property to change the border of an element to YUV 188.5070, -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(94, 255, 94) }
```


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

```
.border{ border-color:rgb(94, 255, 94) }
```

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

Here you see how a box with a 4 pixel rgb(94, 255, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(94, 255,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 188.5070, -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(94, 255, 94) }
```

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

```
.background{ background-color: rgb(94, 255,  
94) }
```

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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