

Converting Colors

YUV(180.8600, -48.7380,
-94.5932)

Have a look what the booklet for
YUV(180.8600, -48.7380, -94.5932)
contains.

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Color

**YUV(180.8600, -48.7380,
-94.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	49FF52
RGB	73, 255, 82
RGB Percent	29%, 100%, 32%
CMY	0.7137, 0.0000, 0.6784
CMYK	0.71, 0.00, 0.68, 0.00
HSL	123°, 100%, 64%
HSV	123°, 71%, 100%
XYZ	40.0306, 73.5457, 20.0685
YIQ	180.8600, -52.9390, -92.3870

Conversions

Conversions Part 2

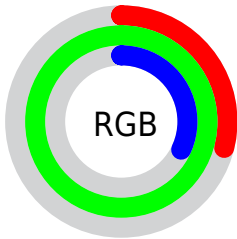
Format	Color
RYB	73, 246, 255
Decimal	4849490
CIELab	88.71, -76.53, 66.71
CIELCh	89, 101.528, 138.923
Yxy	73.5457, 0.2995, 0.5503
Android (android.graphics.Color)	4283039570 (0xFF49FF52)
YUV	180.8600, -48.7380, -94.5932
Hunter-Lab	85.7588, -66.7573, 46.1566

Details

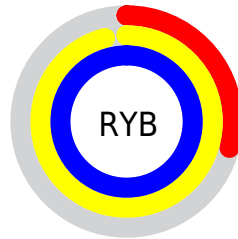
The YUV color **180.8600, -48.7380, -94.5932** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **147.1400, 48.7380, 94.5932**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8860, -34.4538, -56.0280**, and **116.6650, -53.0788, -102.3152** is the 20% darker color. If you saturate the color by 10%, you get **170.6490, -55.5360, -107.5632**, and if you desaturate by 10%, it is **191.0710, -41.9400, -81.6233**.

Distribution



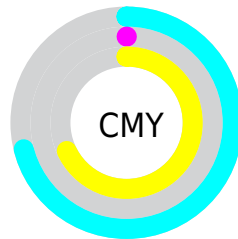
- Red (29%)
- Green (100%)
- Blue (32%)



- Red (29%)
- Yellow (96%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8600, -48.7380, -94.5932 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 180.8600, -48.7380, -94.5932 by changing the saturation by 10% instead.

■ 180.8600,
-48.7380, -94.5932

■ 180.8600,
-48.7380, -94.5932

255.0000, 0.0000,
0.0000

■ 140.0850,
-43.4259, -118.4695

■ 208.8860,
-34.4538, -56.0280

■ 116.6650,
-53.0788, -102.3152

■ 221.6460,
-26.9405, -39.1545

■ 98.6160, -48.6177,
-86.4862

■ 234.5200,
-18.9904, -22.3810

■ 82.7670, -40.8041,
-72.5867

■ 247.3940,
-11.0402, -5.6075

■ 66.9180, -32.9906,
-58.6871

■ 51.0690, -25.1770,
-44.7875

■ 36.9810, -18.2316,

-32.4323

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 180.8600,
-48.7380, -94.5932

■ 180.8600,
-48.7380, -94.5932

■ 170.6490,
-55.5360, -107.5632

■ 191.0710,
-41.9400, -81.6233

■ 160.1390,
-62.1865, -121.1479

■ 201.5810,
-35.2894, -68.0385

■ 151.1670,
-68.1163, -132.5735

■ 211.9060,
-28.0547, -55.1686

■ 222.4160,
-21.4041, -41.5838

■ 232.9260,
-14.7535, -27.9991

■ 243.1370, -7.9555,
-15.0291

■ 253.4620, -0.7208,
-2.1592

■ 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.



201.3110, -99.2463, 5.8663



180.8600, -48.7380, -94.5932



170.4330, 5.7025, -149.4697

Triad

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



180.8600, -48.7380, -94.5932



172.8850, 40.4827, -151.6201



166.1960, -0.0966, 77.8811

Complementary

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



180.8600, -48.7380, -94.5932



147.1400, 48.7380, 94.5932

Split Complementary

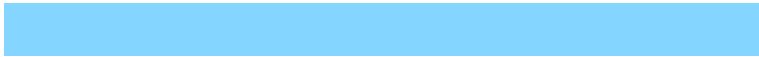
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



176.3420, 38.7784, 68.9831



180.8600, -48.7380, -94.5932



193.5690, 30.2855, -53.9960

Square

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



180.8600, -48.7380, -94.5932



178.7550, 37.5888, -156.7681



202.7570, 25.7558, 45.8171



179.8890, -51.7103, 65.8723

Rectangle

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



180.8600, -48.7380, -94.5932



178.1850, 35.4048, -156.2682



202.7570, 25.7558, 45.8171



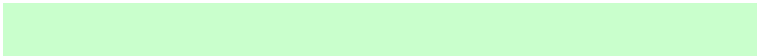
165.7350, 15.9066, 78.2854

Sweetspot

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



180.8600, -48.7380, -94.5932



233.0400, -14.3167, -28.0991



232.4580, -78.6128, 14.5073



114.8980, -8.8237, -16.5735



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.



180.8600, -48.7380, -94.5932



165.8070, -58.5719, -113.8407



190.8920, -10.2998, -103.3913



122.6310, -3.7621, -6.6924



113.1430, -51.3425, -99.2264



37.9100, -17.2106, -33.2471

Inverse Universe

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



147.1400, 48.7380, 94.5932



125.1930, 58.5719, 113.8407



137.1080, 10.2998, 103.3913



120.2550, 3.3253, 6.7924



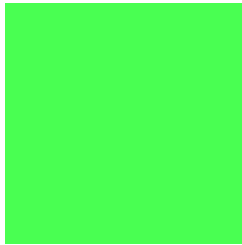
77.8570, 51.3425, 99.2264



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 180.8600, -48.7380, -94.5932 looks on a white background.

Color Contrast Check

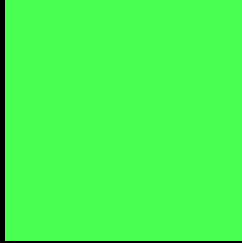
Large Text (above 18pt) WCAG AA × Fail

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 180.8600, -48.7380, -94.5932 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 180.8600, -48.7380, -94.5932 Background



This preview shows how black text looks on a background with the YUV color 180.8600, -48.7380, -94.5932.



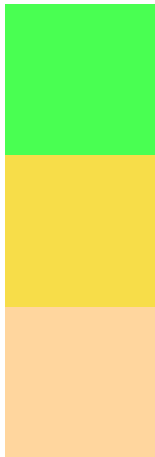
This preview shows how white text looks on a background with the YUV color 180.8600, -48.7380, -94.5932.

-94.5932.

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

180.8600, -48.7380, -94.5932

Protanopia

211.9020, -68.4787, 30.7809

Deuteranopia

219.8750, -30.5044, 30.8046



Tritanopia

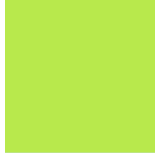
208.2550, 23.0453, -65.1216

Trichromacy



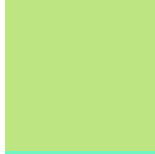
Original Color

180.8600, -48.7380, -94.5932



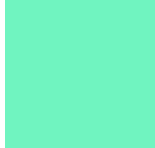
Protanomaly

200.4510, -61.3543, -14.4275



Deuteranomaly

205.7540, -37.3467, -14.6933



Tritanomaly

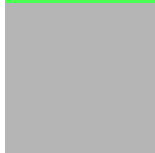
198.6040, -3.2558, -75.9517

Monochromacy



Original Color

180.8600, -48.7380, -94.5932



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.0840, -17.7894, -34.2767

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8600, -48.7380, -94.5932 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(73, 255, 82)` looks like.

```
.text, #text, p{  
    color:rgb(73, 255, 82)  
}
```

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(73, 255, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 255, 82) }
```

Border

The CSS property to change the border of an element to YUV 180.8600, -48.7380, -94.5932 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(73, 255, 82) }
```


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

```
.border{ border-color:rgb(73, 255, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 255, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 255, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 255, 82);  
box-shadow:4px 4px 4px 4px rgb(73, 255,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 180.8600, -48.7380, -94.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 255, 82) }
```

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

```
.background{ background-color: rgb(73, 255,  
82) }
```

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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