

Converting Colors

YUV(176.5300, -54.9843,
-97.8118)

Have a look what the booklet for
YUV(176.5300, -54.9843, -97.8118)
contains.

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Color

**YUV(176.5300, -54.9843,
-97.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	41FF41
RGB	65, 255, 65
RGB Percent	25%, 100%, 25%
CMY	0.7451, 0.0000, 0.7451
CMYK	0.75, 0.00, 0.75, 0.00
HSL	120°, 100%, 63%
HSV	120°, 75%, 100%
XYZ	38.8941, 73.0255, 17.0464
YIQ	176.5300, -52.2500, -99.3700

Conversions

Conversions Part 2

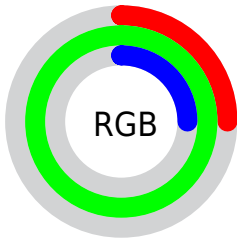
Format	Color
RYB	65, 255, 255
Decimal	4325185
CIELab	88.46, -79.05, 72.31
CIELCh	88, 107.134, 137.549
Yxy	73.0255, 0.3016, 0.5662
Android (android.graphics.Color)	4282515265 (0xFF41FF41)
YUV	176.5300, -54.9843, -97.8118
Hunter-Lab	85.4549, -68.3034, 47.9914

Details

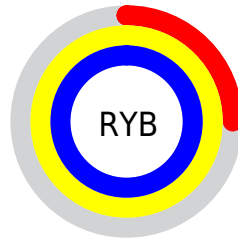
The YUV color **176.5300, -54.9843, -97.8118** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **143.4700, 54.9843, 97.8118**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6810, -40.2687, -57.6022**, and **115.6390, -57.0100, -101.4154** is the 20% darker color. If you saturate the color by 10%, you get **165.7920, -62.5085, -111.1966**, and if you desaturate by 10%, it is **186.8550, -47.7495, -84.9418**.

Distribution



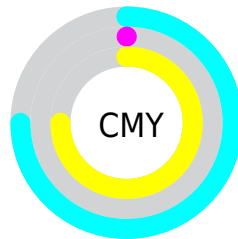
- Red (25%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (100%)



- Cyan (75%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)



- Cyan (75%)
- Magenta (0%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.5300, -54.9843, -97.8118 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 176.5300, -54.9843, -97.8118 by changing the saturation by 10% instead.

■ 176.5300,
-54.9843, -97.8118

■ 176.5300,
-54.9843, -97.8118

■ 255.0000, 0.0000,
0.0000

■ 135.8540,
-53.1720, -119.1440

■ 205.6810,
-40.2687, -57.6022

■ 115.6390,
-57.0100, -101.4154

■ 218.8540,
-32.4660, -40.2140

■ 98.6160, -48.6177,
-86.4862

■ 232.0270,
-24.6633, -22.8257

■ 82.7670, -40.8041,
-72.5867

■ 244.9010,
-16.7132, -6.0522

■ 66.3310, -32.7012,
-58.1723

■ 253.4040, -6.1152,
1.3997

■ 51.0690, -25.1770,
-44.7875

■ 36.9810, -18.2316,

-32.4323

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 176.5300,
-54.9843, -97.8118

■ 176.5300,
-54.9843, -97.8118

■ 165.7920,
-62.5085, -111.1966

■ 186.8550,
-47.7495, -84.9418

■ 155.4670,
-69.7432, -124.0666

■ 197.5930,
-40.2253, -71.5571

■ 149.6850,
-73.7947, -131.2737

■ 208.3310,
-32.7012, -58.1723

■ 218.6560,
-25.4664, -45.3023

■ 229.3940,
-17.9422, -31.9175

■ 239.7190,
-10.7075, -19.0476

■ 250.0440, -3.4727,
-6.1776

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.



200.7350, -98.9624, 8.1254



176.5300, -54.9843, -97.8118



169.5210, 2.2081, -148.6699

Triad

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



176.5300, -54.9843, -97.8118



174.0590, 39.9039, -152.6497



158.0920, 4.3916, 84.9883

Complementary

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



176.5300, -54.9843, -97.8118



143.4700, 54.9843, 97.8118

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.



170.4720, 41.6723, 74.1311



176.5300, -54.9843, -97.8118



183.6910, 35.1553, -76.0280

Square

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



176.5300, -54.9843, -97.8118



178.7550, 37.5888, -156.7681



200.9960, 26.6240, 47.3615



174.5090, -52.0159, 70.5906

Rectangle

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



176.5300, -54.9843, -97.8118



177.7290, 33.6576, -155.8683



200.9960, 26.6240, 47.3615



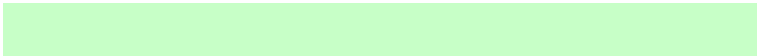
157.8590, 21.2685, 85.1927

Sweetspot

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



176.5300, -54.9843, -97.8118



231.8720, -16.2059, -28.8287



233.3400, -82.9916, 18.9958



113.9580, -9.8393, -17.5032



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.



176.5300, -54.9843, -97.8118



161.2490, -65.6918, -116.8594



187.3600, -13.4885, -107.3097



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.



143.4700, 54.9843, 97.8118



121.7510, 65.6918, 116.8594



132.6400, 13.4885, 107.3097



120.3690, 3.7621, 6.6924



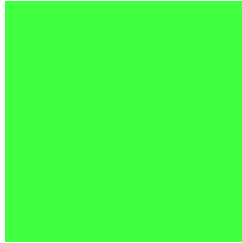
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 176.5300, -54.9843, -97.8118 looks on a white background.

Color Contrast Check

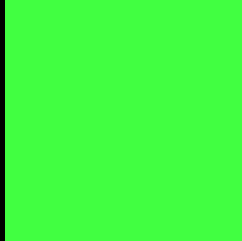
Large Text (above 18pt) WCAG AA × Fail

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 176.5300, -54.9843, -97.8118 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 176.5300, -54.9843, -97.8118 Background



This preview shows how black text looks on a background with the YUV color 176.5300, -54.9843, -97.8118.



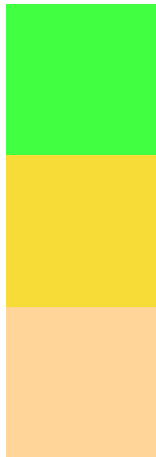
This preview shows how white text looks on a background with the YUV color 176.5300, -54.9843, -97.8118.

-97.8118.

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

176.5300, -54.9843, -97.8118

Protanopia

209.3770, -75.6149, 32.9954

Deuteranopia

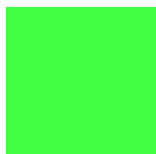
218.7180, -32.3990, 31.8193



Tritanopia

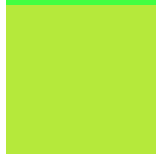
206.7600, 23.7823, -68.1955

Trichromacy



Original Color

176.5300, -54.9843, -97.8118



Protanomaly

197.6160, -68.3377, -14.5722



Deuteranomaly

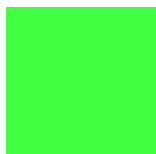
203.2440, -40.5463, -15.1230



Tritanomaly

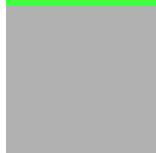
196.1260, -4.9921, -79.0405

Monochromacy



Original Color

176.5300, -54.9843, -97.8118



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.5030, -19.9680, -35.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5300, -54.9843, -97.8118 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(65, 255, 65)` looks like.

```
.text, #text, p{  
    color:rgb(65, 255, 65)  
}
```

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(65, 255, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 255, 65) }
```

Border

The CSS property to change the border of an element to YUV 176.5300, -54.9843, -97.8118 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(65, 255, 65) }
```


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

```
.border{ border-color:rgb(65, 255, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 255, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 255, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 255, 65);  
box-shadow:4px 4px 4px 4px rgb(65, 255,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 176.5300, -54.9843, -97.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 255, 65) }
```

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

```
.background{ background-color: rgb(65, 255,  
65) }
```

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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