

Converting Colors

YUV(111.5300, -54.9843,
-97.8118)

Have a look what the booklet for
YUV(111.5300, -54.9843, -97.8118)
contains.

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Color

**YUV(111.5300, -54.9843,
-97.8118)**

Conversions

Conversions Part 1

Format	Color
Hex	00BE00
RGB	0, 190, 0
RGB Percent	0%, 75%, 0%
CMY	1.0000, 0.2549, 1.0000
CMYK	1.00, 0.00, 1.00, 0.25
HSL	120°, 100%, 37%
HSV	120°, 100%, 75%
XYZ	18.4135, 36.8269, 6.1378
YIQ	111.5300, -52.2500, -99.3700

Conversions

Conversions Part 2

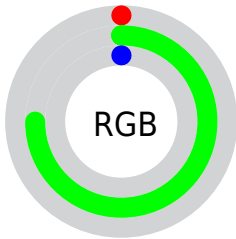
Format	Color
RYB	0, 190, 190
Decimal	48640
CIELab	67.15, -69.08, 66.67
CIELCh	67, 96.005, 136.016
Yxy	36.8269, 0.3000, 0.6000
Android (android.graphics.Color)	4278238720 (0xFF00BE00)
YUV	111.5300, -54.9843, -97.8118
Hunter-Lab	60.6852, -52.0375, 36.4829

Details

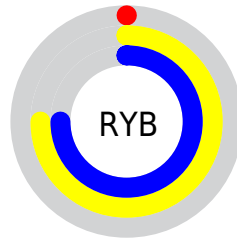
The YUV color **111.5300, -54.9843, -97.8118** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **78.4700, 54.9843, 97.8118**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6670, -52.5868, -73.3760**, and **79.2450, -39.0678, -69.4979** is the 20% darker color. If you saturate the color by 10%, you get **111.5300, -54.9843, -97.8118**, and if you desaturate by 10%, it is **119.3770, -49.4859, -88.0306**.

Distribution



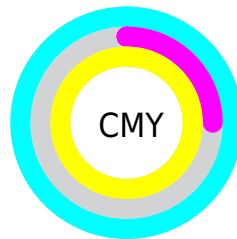
- Red (0%)
- Green (75%)
- Blue (0%)



- Red (0%)
- Yellow (75%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (25%)





- Cyan (100%)
- Magenta (25%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.5300, -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 111.5300, -54.9843, -97.8118 by changing the saturation by 10% instead.

 111.5300,
-54.9843, -97.8118


 111.5300,
-54.9843, -97.8118


255.0000, 0.0000,
0.0000


 95.0940, -46.8813,
-83.3974


 184.6670,
-52.5868, -73.3760


 79.2450, -39.0678,
-69.4979


 201.9490,
-46.8099, -59.5913


 63.3960, -31.2542,
-55.5983


 214.4100,
-39.1491, -43.3326

 48.1340, -23.7301,
-42.2135

 226.8710,
-31.4884, -27.0739

 34.0460, -16.7847,
-29.8583

 239.4460,
-23.3909, -10.9151

 19.3710, -9.5499,
-16.9884

 251.1240,

 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.5440, -1.7472,
0.3999

■ 111.5300,
-54.9843, -97.8118

■ 119.3770,
-49.4859, -88.0306

■ 127.2240,
-43.9874, -78.2494

■ 135.0710,
-38.4890, -68.4683

■ 142.9180,
-32.9906, -58.6871

■ 150.7650,
-27.4921, -48.9059

■ 158.6120,
-21.9937, -39.1247

■ 166.4590,
-16.4953, -29.3435

■ 174.3060,
-10.9969, -19.5624

■ 182.1530, -5.4984,
-9.7812

Harmonies

Analogous

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



148.4830, -73.2021, 5.7154



111.5300, -54.9843, -97.8118



129.6780, -5.7573, -113.7276

Triad

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



111.5300, -54.9843, -97.8118



137.6650, 57.8462, -120.7322



115.9810, 2.9674, 121.9197

Complementary

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



111.5300, -54.9843, -97.8118



78.4700, 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.



132.2420, 37.3487, 107.6588



111.5300, -54.9843, -97.8118



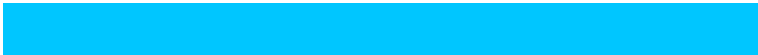
122.4030, 65.3703, -107.3474

Square

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



111.5300, -54.9843, -97.8118



145.2960, 54.0841, -127.4246



162.3660, 45.6686, 52.2990



138.8210, -51.6768, 101.8890

Rectangle

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



111.5300, -54.9843, -97.8118



137.8060, 20.3086, -120.8559



162.3660, 45.6686, 52.2990



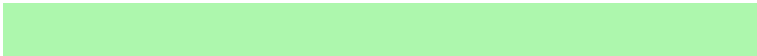
112.7160, 18.3810, 124.7831

Sweetspot

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



111.5300, -54.9843, -97.8118



216.4380, -21.4149, -38.0951



168.3400, -82.9916, 18.9958



106.4150, -13.0226, -23.1660



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.5300, -54.9843, -97.8118



144.9890, -71.4796, -127.1554



122.3600, -13.4885, -107.3097



90.2830, -2.6045, -4.6332



92.7460, -45.7238, -81.3382



18.1970, -8.9711, -15.9588

Inverse Universe

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



78.4700, 54.9843, 97.8118



102.0110, 71.4796, 127.1554



67.6400, 13.4885, 107.3097



88.7170, 2.6045, 4.6332



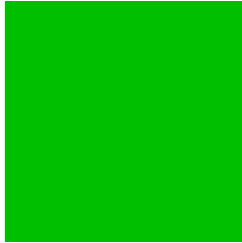
65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 111.5300, -54.9843, -97.8118 looks on a white background.

Color Contrast Check

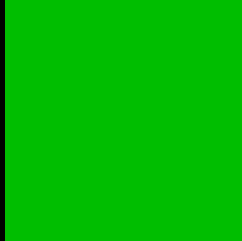
Large Text (above 18pt) WCAG AA × Fail

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 111.5300, -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 111.5300, -54.9843, -97.8118 Background



This preview shows how black text looks on a background with the YUV color 111.5300, -54.9843, -97.8118.



This preview shows how white text looks on a background with the YUV color 111.5300, -54.9843, -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



Protanopia

150.3980, -74.1462, 28.5920

Deuteranopia

156.0680, -56.7285, 42.0364

Tritanopia

149.5930, 20.4137, -61.0331

Trichromacy



Protanomaly

136.2350, -67.1639, -17.7461

Deuteranomaly

139.8630, -56.1345, -8.6499

Tritanomaly

135.9910, -6.8976, -74.5371

Monochromacy



Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.5030, -19.9680, -35.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5300, -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(0, 190, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 0)  
}
```

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(0, 190, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 0) }
```

Border

The CSS property to change the border of an element to YUV 111.5300, -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(0, 190, 0) }
```

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

```
.border{ border-color:rgb(0, 190, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 190, 0); box-shadow:4px  
4px 4px 4px rgb(0, 190, 0) }
```


Background

The CSS property to change the background color of an element to YUV 111.5300, -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(0, 190, 0) }
```

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

```
.background{ background-color: rgb(0, 190,  
0) }
```

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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