

Converting Colors

YUV(167.5520, -38.2331,
-103.9701)

Have a look what the booklet for
YUV(167.5520, -38.2331, -103.9701)
contains.

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Color

**YUV(167.5520, -38.2331,
-103.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	31F35A
RGB	49, 243, 90
RGB Percent	19%, 95%, 35%
CMY	0.8078, 0.0471, 0.6471
CMYK	0.80, 0.00, 0.63, 0.05
HSL	133°, 89%, 57%
HSV	133°, 80%, 95%
XYZ	35.1627, 65.4923, 20.4609
YIQ	167.5520, -66.5110, -88.7110

Conversions

Conversions Part 2

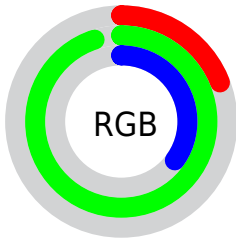
Format	Color
RYB	49, 209, 243
Decimal	3273562
CIELab	84.74, -75.27, 59.13
CIELCh	85, 95.720, 141.850
Yxy	65.4923, 0.2903, 0.5407
Android (android.graphics.Color)	4281463642 (0xFF31F35A)
YUV	167.5520, -38.2331, -103.9701
Hunter-Lab	80.9273, -64.0651, 41.6588

Details

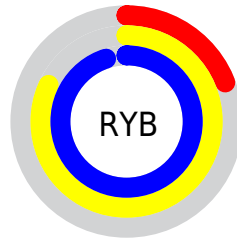
The YUV color **167.5520, -38.2331, -103.9701** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **124.4480, 38.2331, 103.9701**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4870, -29.3271, -67.0791**, and **112.1290, -39.9966, -98.3371** is the 20% darker color. If you saturate the color by 10%, you get **158.2100, -42.9945, -116.8252**, and if you desaturate by 10%, it is **176.8940, -33.4717, -91.1150**.

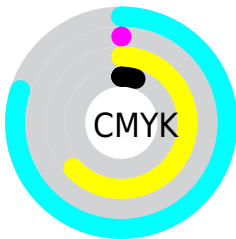
Distribution



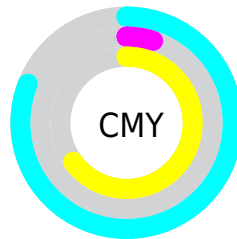
- Red (19%)
- Green (95%)
- Blue (35%)



- Red (19%)
- Yellow (82%)
- Blue (95%)



- Cyan (80%)
- Magenta (0%)
- Yellow (63%)
- Black (5%)



- Cyan (81%)
- Magenta (5%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5520, -38.2331, -103.9701 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 167.5520, -38.2331, -103.9701 by changing the saturation by 10% instead.

■ 167.5520,
-38.2331, -103.9701

■ 167.5520,
-38.2331, -103.9701

255.0000, 0.0000,
0.0000

■ 132.6860,
-34.8482, -116.3656

■ 204.4870,
-29.3271, -67.0791

■ 112.1290,
-39.9966, -98.3371

■ 217.5460,
-21.9612, -49.5908

■ 92.1590, -45.4344,
-80.8234

■ 230.4200,
-14.0111, -32.8173

■ 76.3100, -37.6208,
-66.9239

■ 242.9950, -5.9135,
-16.6586

■ 60.4610, -29.8073,
-53.0243

■ 45.1990, -22.2831,
-39.6395

■ 30.5240, -15.0483,

-26.7695

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 167.5520,
-38.2331, -103.9701

■ 167.5520,
-38.2331, -103.9701

■ 158.2100,
-42.9945, -116.8252

■ 176.8940,
-33.4717, -91.1150


■ 148.5690,
-47.6085, -130.2950


■ 186.5350,
-28.8578, -77.6452


■ 148.4550,
-48.0453, -130.1950


■ 195.8770,
-24.0964, -64.7901


■ 205.3330,
-18.8982, -52.0350

 214.6750,
-14.1368, -39.1800

 224.3160, -9.5228,
-25.7101

 233.6580, -4.7614,
-12.8551

 243.0000, 0.0000,
0.0000

 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



190.0590, -93.6991, -0.0517



167.5520, -38.2331, -103.9701



168.1990, 7.2969, -147.5105

Triad

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



167.5520, -38.2331, -103.9701



164.0800, 44.8236, -143.8982



163.7850, -6.7960, 79.9956

Complementary

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



167.5520, -38.2331, -103.9701



124.4480, 38.2331, 103.9701

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.



171.6970, 33.6734, 73.0567



167.5520, -38.2331, -103.9701



191.3420, 31.3834, -32.7489

Square

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



167.5520, -38.2331, -103.9701



174.0590, 39.9039, -152.6497



196.3000, 28.9391, 51.4799



177.6890, -55.0627, 67.8017

Rectangle

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



167.5520, -38.2331, -103.9701



176.5550, 34.2364, -154.8387



196.3000, 28.9391, 51.4799



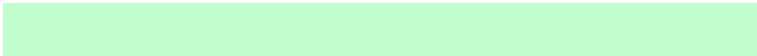
163.0960, 8.3337, 80.5998

Sweetspot

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



167.5520, -38.2331, -103.9701



231.2890, -11.9745, -32.7025



209.2230, -78.9899, -4.5806



113.5170, -7.6499, -19.7474



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.



167.5520, -38.2331, -103.9701



159.7430, -48.1873, -131.3246



178.3820, 3.2627, -113.4680



117.3860, -2.1623, -6.4775



113.6280, -36.7916, -99.6518



36.0010, -11.8325, -31.5729

Inverse Universe

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



124.4480, 38.2331, 103.9701



105.2570, 48.1873, 131.3246



113.6180, -3.2627, 113.4680



114.7280, 2.5991, 6.3775



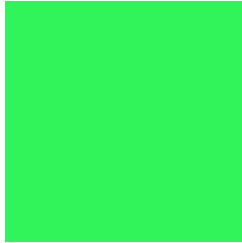
72.3720, 36.7916, 99.6518



22.8850, 11.3957, 31.6729

Previews

White Background



This preview shows how the YUV color 167.5520, -38.2331, -103.9701 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 167.5520, -38.2331, -103.9701 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 167.5520, -38.2331, -103.9701 Background



This preview shows how black text looks on a background with the YUV color 167.5520, -38.2331, -103.9701.



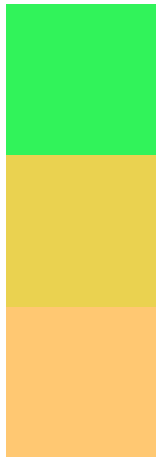
This preview shows how white text looks on a background with the YUV color 167.5520, -38.2331, -103.9701.

-103.9701.

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

167.5520, -38.2331, -103.9701

Protanopia

202.3560, -60.3215, 27.7518

Deuteranopia

206.6410, -45.6720, 42.4108



Tritanopia

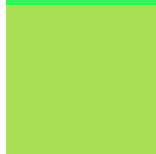
193.8730, 25.6986, -76.1876

Trichromacy



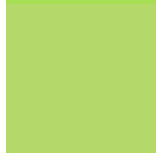
Original Color

167.5520, -38.2331, -103.9701



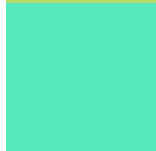
Protanomaly

189.8230, -52.1707, -20.0158



Deuteranomaly

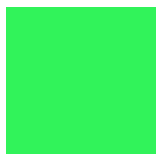
192.5820, -43.1779, -11.0344



Tritanomaly

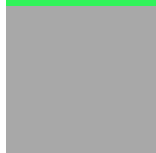
184.0310, 2.4497, -85.9732

Monochromacy



Original Color

167.5520, -38.2331, -103.9701



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.8000, -13.7054, -37.5356

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5520, -38.2331, -103.9701 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(49, 243, 90)` looks like.

```
.text, #text, p{  
    color:rgb(49, 243, 90)  
}
```

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(49, 243, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 243, 90) }
```

Border

The CSS property to change the border of an element to YUV 167.5520, -38.2331, -103.9701 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(49, 243, 90) }
```


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

```
.border{ border-color:rgb(49, 243, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 243, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 243, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 243, 90);  
box-shadow:4px 4px 4px 4px rgb(49, 243,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 167.5520, -38.2331, -103.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 243, 90) }
```

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

```
.background{ background-color: rgb(49, 243,  
90) }
```

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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