

Converting Colors

YUV(159.2180, -38.5615,
-138.7572)

Have a look what the booklet for
YUV(159.2180, -38.5615, -138.7572)
contains.

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Color

**YUV(159.2180, -38.5615,
-138.7572)**

Conversions

Conversions Part 1

Format	Color
Hex	01FF51
RGB	1, 255, 81
RGB Percent	0%, 100%, 32%
CMY	0.9961, 0.0000, 0.6824
CMYK	1.00, 0.00, 0.68, 0.00
HSL	139°, 100%, 50%
HSV	139°, 100%, 100%
XYZ	37.2577, 72.1205, 19.7416
YIQ	159.2180, -95.5300, -107.9620

Conversions

Conversions Part 2

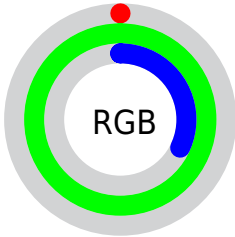
Format	Color
RYB	1, 194, 255
Decimal	130897
CIELab	88.03, -82.46, 66.16
CIELCh	88, 105.721, 141.260
Yxy	72.1205, 0.2886, 0.5586
Android (android.graphics.Color)	4278320977 (0xFF01FF51)
YUV	159.2180, -38.5615, -138.7572
Hunter-Lab	84.9238, -70.3053, 45.6640

Details

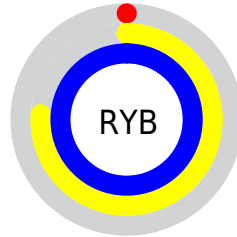
The YUV color **159.2180, -38.5615, -138.7572** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **96.7820, 38.5615, 138.7572**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6990, -30.9106, -72.5270**, and **115.7360, -54.0998, -101.5005** is the 20% darker color. If you saturate the color by 10%, you get **158.8050, -38.8509, -139.2720**, and if you desaturate by 10%, it is **168.6310, -34.8211, -125.0874**.

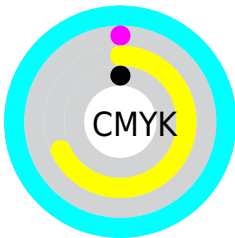
Distribution



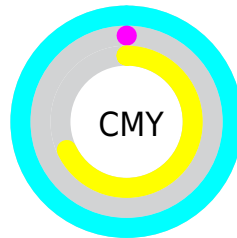
- Red (0%)
- Green (100%)
- Blue (32%)



- Red (0%)
- Yellow (76%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2180, -38.5615, -138.7572 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 159.2180, -38.5615, -138.7572 by changing the saturation by 10% instead.

159.2180,
-38.5615, -138.7572

159.2180,
-38.5615, -138.7572

255.0000, 0.0000,
0.0000

137.8890,
-42.8363, -120.9287

200.6990,
-30.9106, -72.5270

115.7360,
-54.0998, -101.5005

214.3560,
-23.8395, -53.8092

98.6160, -48.6177,
-86.4862

227.5290,
-16.0368, -36.4209

82.1800, -40.5147,
-72.0719

240.7020, -8.2341,
-19.0327

66.3310, -32.7012,
-58.1723

253.6900, 0.1528,
-2.3591

50.4820, -24.8876,
-44.2727

35.8070, -17.6529,

-31.4027

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 159.2180,
-38.5615, -138.7572

■ 159.2180,
-38.5615, -138.7572

■ 158.8050,
-38.8509, -139.2720

■ 168.6310,
-34.8211, -125.0874

■ 178.4570,
-30.7913, -110.9028

■ 188.1690,
-27.1983, -96.6182

■ 197.6960,
-23.0211, -83.0484

■ 207.4080,
-19.4281, -68.7638

■ 216.9350,
-15.2510, -55.1940

■ 226.3480,
-11.5106, -41.5242

■ 236.1740, -7.4808,
-27.3396

■ 245.8860, -3.8878,
-13.0550

Harmonies

Analogous

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



197.7230, -97.4774, -1.5111



159.2180, -38.5615, -138.7572



171.0030, 7.8865, -149.9696

Triad

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



159.2180, -38.5615, -138.7572



171.1240, 41.3509, -150.0757



159.6590, -2.2969, 83.6141

Complementary

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



159.2180, -38.5615, -138.7572



96.7820, 38.5615, 138.7572

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.



168.7110, 42.5405, 75.6755



159.2180, -38.5615, -138.7572



193.3360, 30.4004, -44.1447

Square

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



159.2180, -38.5615, -138.7572



178.7550, 37.5888, -156.7681



196.8870, 28.6497, 50.9651



177.2500, -59.2832, 68.1868

Rectangle

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



159.2180, -38.5615, -138.7572



178.7550, 37.5888, -156.7681



196.8870, 28.6497, 50.9651



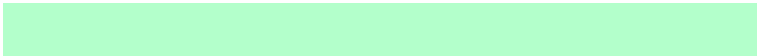
158.0240, 14.2852, 85.0480

Sweetspot

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



159.2180, -38.5615, -138.7572



226.3480, -11.5106, -41.5242



203.3200, -99.7438, -21.3286



110.5980, -7.1968, -25.0804



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.



159.2180, -38.5615, -138.7572



158.8050, -38.8509, -139.2720



173.2400, 15.1647, -151.0545



123.0870, -2.0149, -7.0923



118.9570, -29.0658, -104.3253



39.8480, -9.7851, -34.9467

Inverse Universe

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



96.7820, 38.5615, 138.7572



96.1950, 38.8509, 139.2720



82.7600, -15.1647, 151.0545



119.7990, 1.5781, 7.1923



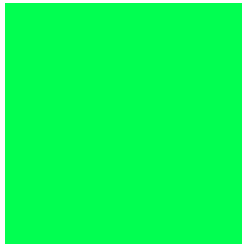
72.0430, 29.0658, 104.3253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 159.2180, -38.5615, -138.7572 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 159.2180, -38.5615, -138.7572 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 159.2180, -38.5615, -138.7572 Background



This preview shows how black text looks on a background with the YUV color 159.2180, -38.5615, -138.7572.

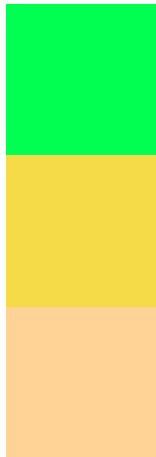


This preview shows how white text looks on a background with the YUV color 159.2180, -38.5615, -138.7572.

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

159.2180, -38.5615, -138.7572

Protanopia

209.9020, -68.4787, 30.7809

Deuteranopia

217.2020, -33.1306, 33.1488



Tritanopia

203.1720, 25.5512, -75.5728

Trichromacy



Original Color

159.2180, -38.5615, -138.7572



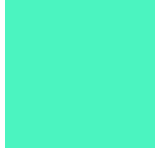
Protanomaly

191.3780, -57.3744, -31.0265



Deuteranomaly

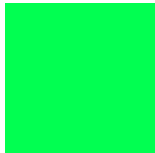
196.2360, -35.1193, -29.1480



Tritanomaly

187.5410, 2.1983, -98.6985

Monochromacy



Original Color

159.2180, -38.5615, -138.7572



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.3100, -13.9568, -50.2609

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2180, -38.5615, -138.7572 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(1, 255, 81)` looks like.

```
.text, #text, p{  
    color:rgb(1, 255, 81)  
}
```

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(1, 255, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 255, 81) }
```

Border

The CSS property to change the border of an element to YUV 159.2180, -38.5615, -138.7572 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(1, 255, 81) }
```


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

```
.border{ border-color:rgb(1, 255, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 255, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 255, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 255, 81);  
box-shadow:4px 4px 4px 4px rgb(1, 255, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 159.2180, -38.5615, -138.7572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 255, 81) }
```

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

```
.background{ background-color: rgb(1, 255,  
81) }
```

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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