

Converting Colors

YUV(175.6220, -37.7746,
-111.0475)

Have a look what the booklet for
YUV(175.6220, -37.7746, -111.0475)
contains.

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Color

**YUV(175.6220, -37.7746,
-111.0475)**

Conversions

Conversions Part 1

Format	Color
Hex	31FF63
RGB	49, 255, 99
RGB Percent	19%, 100%, 39%
CMY	0.8078, 0.0000, 0.6118
CMYK	0.81, 0.00, 0.61, 0.00
HSL	135°, 100%, 60%
HSV	135°, 81%, 100%
XYZ	39.2788, 73.0738, 23.8388
YIQ	175.6220, -72.7000, -92.1880

Conversions

Conversions Part 2

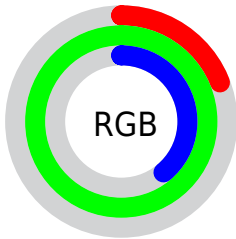
Format	Color
RYB	49, 215, 255
Decimal	3276643
CIELab	88.48, -77.93, 59.60
CIELCh	88, 98.108, 142.591
Yxy	73.0738, 0.2884, 0.5366
Android (android.graphics.Color)	4281466723 (0xFF31FF63)
YUV	175.6220, -37.7746, -111.0475
Hunter-Lab	85.4832, -67.5765, 43.3040

Details

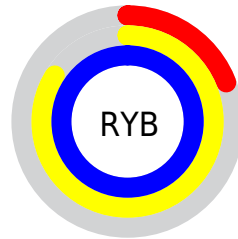
The YUV color **175.6220, -37.7746, -111.0475** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **128.3780, 37.7746, 111.0475**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1110, -25.6907, -66.7493**, and **120.4270, -38.6645, -105.6145** is the 20% darker color. If you saturate the color by 10%, you get **165.9810, -42.3886, -124.5173**, and if you desaturate by 10%, it is **185.5620, -33.3081, -96.9629**.

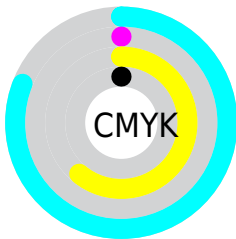
Distribution



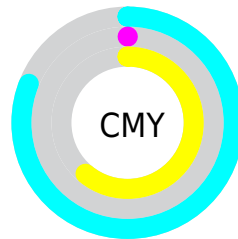
- Red (19%)
- Green (100%)
- Blue (39%)



- Red (19%)
- Yellow (84%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (81%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.6220, -37.7746, -111.0475 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 175.6220, -37.7746, -111.0475 by changing the saturation by 10% instead.

175.6220,
-37.7746, -111.0475

175.6220,
-37.7746, -111.0475

255.0000, 0.0000,
0.0000

140.1690,
-34.1003, -122.9282

206.1110,
-25.6907, -66.7493

120.4270,
-38.6645, -105.6145

219.5830,
-18.0354, -48.7463

98.6160, -48.6177,
-86.4862

232.3430,
-10.5221, -31.8728

82.1800, -40.5147,
-72.0719

245.3310, -2.1352,
-15.1993

66.3310, -32.7012,
-58.1723

51.0690, -25.1770,
-44.7875

36.3940, -17.9422,

-31.9175

■ 21.1320, -10.4181,
-18.5328

■ 0.0000, 0.0000,
0.0000

■ 175.6220,
-37.7746, -111.0475

■ 175.6220,
-37.7746, -111.0475

■ 165.9810,
-42.3886, -124.5173

■ 185.5620,
-33.3081, -96.9629

■ 156.7530,
-46.7132, -137.4724

■ 195.3170,
-28.2573, -83.5930

■ 205.2570,
-23.7907, -69.5084

■ 214.8980,
-19.1767, -56.0385

■ 224.9520,
-14.2733, -42.0539

■ 234.5930, -9.6593,
-28.5841

■ 244.5330, -5.1928,
-14.4994

■ 254.1740, -0.5788,
-1.0296

■ 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.



198.6090, -97.9142, -1.4111



175.6220, -37.7746, -111.0475



171.9150, 11.3809, -150.7695

Triad

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



175.6220, -37.7746, -111.0475



169.9500, 41.9297, -149.0461



169.7520, -6.7797, 74.7625

Complementary

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



175.6220, -37.7746, -111.0475



128.3780, 37.7746, 111.0475

Split Complementary

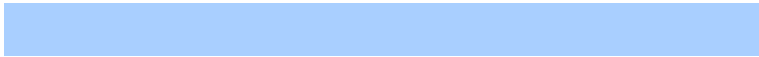
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



177.4190, 35.2894, 68.0385



175.6220, -37.7746, -111.0475



201.1100, 26.5678, -28.1605

Square

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



175.6220, -37.7746, -111.0475



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763



184.0150, -56.2094, 62.2538

Rectangle

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



175.6220, -37.7746, -111.0475



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763



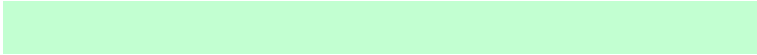
169.1770, 8.7867, 75.2668

Sweetspot

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



175.6220, -37.7746, -111.0475



231.5170, -11.1009, -32.9024



217.1640, -82.9049, -8.9138



113.6310, -7.2131, -19.8474



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.



175.6220, -37.7746, -111.0475



159.8290, -45.2717, -133.1540



187.1360, 6.3420, -121.1453



122.9730, -2.4517, -6.9923



117.3610, -35.1810, -102.9256



39.2780, -11.9691, -34.4468

Inverse Universe

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



128.3780, 37.7746, 111.0475



103.1710, 45.2717, 133.1540



116.8640, -6.3420, 121.1453



119.9130, 2.0149, 7.0923



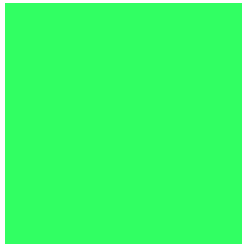
73.6390, 35.1810, 102.9256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 175.6220, -37.7746, -111.0475 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 175.6220, -37.7746, -111.0475 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 175.6220, -37.7746, -111.0475 Background



This preview shows how black text looks on a background with the YUV color 175.6220, -37.7746, -111.0475.



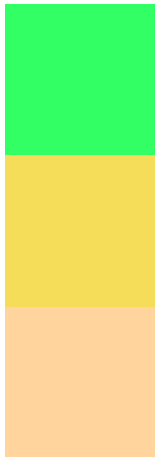
This preview shows how white text looks on a background with the YUV color 175.6220, -37.7746, -111.0475.

-111.0475.

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

175.6220, -37.7746, -111.0475

Protanopia

212.5410, -60.9057, 28.4665

Deuteranopia

219.1740, -30.6518, 31.4194



Tritanopia

205.8630, 24.2245, -70.0399

Trichromacy



Original Color

175.6220, -37.7746, -111.0475



Protanomaly

199.3990, -52.4547, -22.2749



Deuteranomaly

203.1600, -33.1099, -20.3113



Tritanomaly

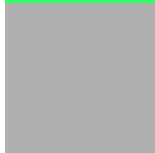
195.1020, 1.4287, -85.1585

Monochromacy



Original Color

175.6220, -37.7746, -111.0475



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.0770, -13.8420, -40.4095

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.6220, -37.7746, -111.0475 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, 255, 99)` looks like.

```
.text, #text, p{  
    color:rgb(49, 255, 99)  
}
```

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, 255, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 255, 99) }
```

Border

The CSS property to change the border of an element to YUV 175.6220, -37.7746, -111.0475 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, 255, 99) }
```


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

```
.border{ border-color:rgb(49, 255, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 255, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(49, 255,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 175.6220, -37.7746, -111.0475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 255, 99) }
```

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

```
.background{ background-color: rgb(49, 255,  
99) }
```

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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