

Converting Colors

YUV(211.5420, -76.1892,
-16.2613)

Have a look what the booklet for
YUV(211.5420, -76.1892, -16.2613)
contains.

YUV(211.5420, -76.1892, -16.2613)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(211.5420, -76.1892,
-16.2613)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FB39
RGB	193, 251, 57
RGB Percent	76%, 98%, 22%
CMY	0.2431, 0.0157, 0.7765
CMYK	0.23, 0.00, 0.77, 0.02
HSL	78°, 96%, 60%
HSV	78°, 77%, 98%
XYZ	57.2280, 80.6272, 16.4173
YIQ	211.5420, 27.7060, -72.6300

Conversions

Conversions Part 2

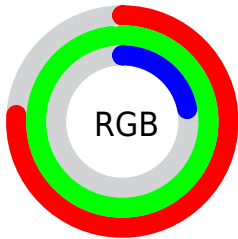
Format	Color
RYB	57, 251, 115
Decimal	12712761
CIELab	91.97, -43.16, 79.70
CIELCh	92, 90.634, 118.438
Yxy	80.6272, 0.3710, 0.5226
Android (android.graphics.Color)	4290902841 (0xFFC1FB39)
YUV	211.5420, -76.1892, -16.2613
Hunter-Lab	89.7927, -43.3728, 52.0146

Details

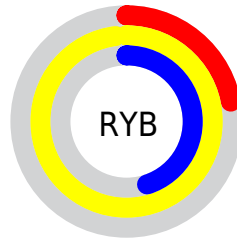
The YUV color **211.5420, -76.1892, -16.2613** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **96.4580, 76.1892, 16.2613**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8980, -59.1097, 12.3675**, and **153.9440, -75.8944, -17.4909** is the 20% darker color. If you saturate the color by 10%, you get **206.3000, -85.9299, -18.6801**, and if you desaturate by 10%, it is **216.7840, -66.4485, -13.8426**.

Distribution



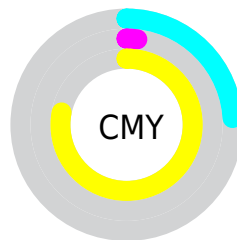
- Red (76%)
- Green (98%)
- Blue (22%)



- Red (22%)
- Yellow (98%)
- Blue (45%)



- Cyan (23%)
- Magenta (0%)
- Yellow (77%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.5420, -76.1892, -16.2613 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 211.5420, -76.1892, -16.2613 by changing the saturation by 10% instead.

■ 211.5420,
-76.1892, -16.2613

■ 211.5420,
-76.1892, -16.2613

255.0000, 0.0000,
0.0000

■ 179.9630,
-84.7778, -14.8766

■ 238.8980,
-59.1097, 12.3675

■ 153.9440,
-75.8944, -17.4909

■ 242.8020,
-46.7374, 10.6976

■ 129.4240,
-63.8060, -21.4198

■ 246.1080,
-34.0702, 7.7983

■ 104.9040,
-51.7177, -25.3488

■ 249.5280,
-20.9663, 4.7989

■ 80.3730, -39.6239,
-31.0221

■ 252.9480, -7.8624,
1.7996

■ 52.2430, -25.7558,
-45.8171

■ 38.1550, -18.8104,

-33.4619

■ 25.2410, -12.4438,
-22.1364

■ 7.6310, -3.7621,
-6.6924

■ 211.5420,
-76.1892, -16.2613

■ 211.5420,
-76.1892, -16.2613

■ 206.3000,
-85.9299, -18.6801

■ 216.7840,
-66.4485, -13.8426

■ 201.3570,
-95.8180, -20.4841

■ 221.7270,
-56.5604, -12.0386

■ 199.9610,
-98.5808, -21.0138

■ 226.9690,
-46.8197, -9.6198

■ 231.9120,
-36.9316, -7.8158

■ 237.2680,
-26.7541, -5.4970

■ 242.2110,
-16.8660, -3.6930

■ 247.4530, -7.1253,
-1.2743

■ 252.0540, 1.4524,
0.8296

■ 252.6520, 1.1576,
2.0592

Harmonies

Analogous

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



210.5030, -96.8760, 39.0239



211.5420, -76.1892, -16.2613



176.7360, -20.5758, -120.7945

Triad

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



211.5420, -76.1892, -16.2613



178.7550, 37.5888, -156.7681



188.7200, 25.2810, 58.1276

Complementary

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



211.5420, -76.1892, -16.2613



96.4580, 76.1892, 16.2613

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.



205.6920, 24.3088, 43.2431



211.5420, -76.1892, -16.2613



172.2980, 40.7721, -151.1053

Square

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



211.5420, -76.1892, -16.2613



178.7550, 37.5888, -156.7681



219.0060, 17.7450, 1.7487



185.9600, -15.7563, 60.5481

Rectangle

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



211.5420, -76.1892, -16.2613



171.8010, 10.9441, -150.6695



219.0060, 17.7450, 1.7487



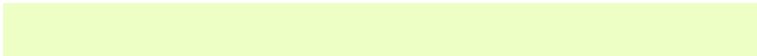
193.3650, 30.3861, 54.0539

Sweetspot

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



211.5420, -76.1892, -16.2613



242.8920, -23.1178, -5.1673



147.2910, -44.5135, 90.9528



120.6070, -14.1033, -3.1633



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.



211.5420, -76.1892, -16.2613



206.7530, -93.0552, -19.9544



183.4360, -62.3329, -74.0504



122.3220, -5.0887, -1.1594



150.4110, -74.1526, -16.1464



48.6640, -23.9914, -4.9673

Inverse Universe

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



96.4580, 76.1892, 16.2613



66.2470, 93.0552, 19.9544



124.5640, 62.3329, 74.0504



114.6780, 5.0887, 1.1594



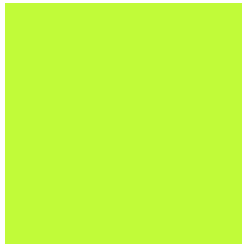
38.2900, 74.3000, 15.5317



12.3360, 23.9914, 4.9673

Previews

White Background



This preview shows how the YUV color 211.5420, -76.1892, -16.2613 looks on a white background.

Color Contrast Check

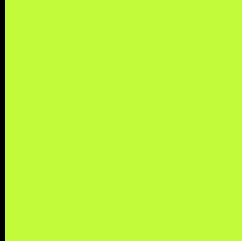
Large Text (above 18pt) WCAG AA × Fail

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 211.5420, -76.1892, -16.2613 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 211.5420, -76.1892, -16.2613 Background



This preview shows how black text looks on a background with the YUV color 211.5420, -76.1892, -16.2613.



This preview shows how white text looks on a background with the YUV color 211.5420, -76.1892, -16.2613.

-16.2613.

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

211.5420, -76.1892, -16.2613

Protanopia

225.3110, -55.3693, 26.0373

Deuteranopia

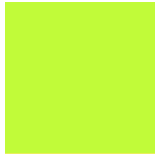
231.1540, -20.2889, 20.9129



Tritanopia

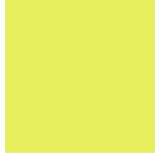
230.0720, 10.8105, -14.0951

Trichromacy



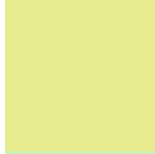
Original Color

211.5420, -76.1892, -16.2613



Protanomaly

220.2630, -62.7407, 10.2933



Deuteranomaly

224.0880, -40.4694, 6.9388



Tritanomaly

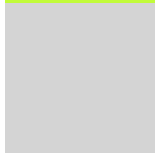
223.1080, -20.7592, -15.0037

Monochromacy



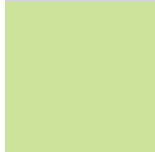
Original Color

211.5420, -76.1892, -16.2613



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

211.7410, -27.4803, -5.9119

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.5420, -76.1892, -16.2613 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(193, 251, 57)` looks like.

```
.text, #text, p{  
    color:rgb(193, 251, 57)  
}
```

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(193, 251, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 251, 57) }
```

Border

The CSS property to change the border of an element to YUV 211.5420, -76.1892, -16.2613 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(193, 251, 57) }
```


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

```
.border{ border-color:rgb(193, 251, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 251, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 251, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 251, 57);  
box-shadow:4px 4px 4px 4px rgb(193, 251,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 211.5420, -76.1892, -16.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 251, 57) }
```

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

```
.background{ background-color: rgb(193,  
251, 57) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor