

Converting Colors

YUV(211.7520, -88.1247,
-14.6915)

Have a look what the booklet for
YUV(211.7520, -88.1247, -14.6915)
contains.

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Color

**YUV(211.7520, -88.1247,
-14.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FF21
RGB	195, 255, 33
RGB Percent	76%, 100%, 13%
CMY	0.2353, 0.0000, 0.8706
CMYK	0.24, 0.00, 0.87, 0.00
HSL	76°, 100%, 56%
HSV	76°, 87%, 100%
XYZ	58.5402, 83.2319, 14.4188
YIQ	211.7520, 35.5020, -81.7620

Conversions

Conversions Part 2

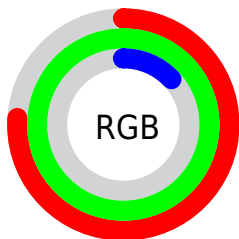
Format	Color
RYB	33, 255, 93
Decimal	12844833
CIELab	93.12, -44.92, 86.19
CIELCh	93, 97.190, 117.526
Yxy	83.2319, 0.3748, 0.5329
Android (android.graphics.Color)	4291034913 (0xFFC3FF21)
YUV	211.7520, -88.1247, -14.6915
Hunter-Lab	91.2315, -45.1177, 54.4915

Details

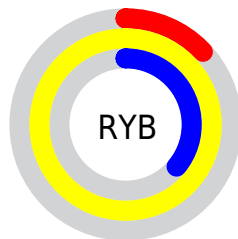
The YUV color **211.7520, -88.1247, -14.6915** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **76.2480, 88.1247, 14.6915**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9000, -65.5197, 14.9967**, and **156.5910, -77.1994, -18.9353** is the 20% darker color. If you saturate the color by 10%, you get **206.8090, -98.0128, -16.4955**, and if you desaturate by 10%, it is **216.6950, -78.2366, -12.8875**.

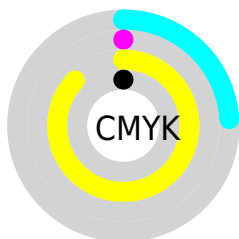
Distribution



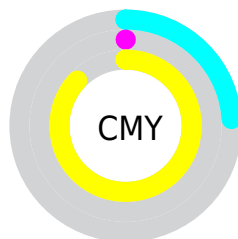
- Red (76%)
- Green (100%)
- Blue (13%)



- Red (13%)
- Yellow (100%)
- Blue (36%)



- Cyan (24%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.7520, -88.1247, -14.6915 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 211.7520, -88.1247, -14.6915 by changing the saturation by 10% instead.

211.7520,
-88.1247, -14.6915

211.7520,
-88.1247, -14.6915

255.0000, 0.0000,
0.0000

181.9970,
-89.7245, -14.9064

237.9000,
-65.5197, 14.9967

156.5910,
-77.1994, -18.9353

241.3200,
-52.4158, 11.9974

131.4840,
-64.8216, -22.3495

244.7400,
-39.3118, 8.9980

107.2520,
-52.8752, -27.4080

248.1600,
-26.2079, 5.9987

82.1230, -40.4866,
-34.3109

251.5800,
-13.1039, 2.9993

54.0040, -26.6240,
-47.3615

39.9160, -19.6786,

-35.0063

■ 27.0020, -13.3120,
-23.6808

■ 11.1530, -5.4984,
-9.7812

■ 211.7520,
-88.1247, -14.6915

■ 211.7520,
-88.1247, -14.6915

■ 206.8090,
-98.0128, -16.4955

■ 216.6950,
-78.2366, -12.8875

■ 205.2990,
-101.2124, -16.9252

■ 221.7520,
-67.9117, -11.1835

■ 226.6950,
-58.0236, -9.3795

■ 231.7520,
-47.6987, -7.6755

■ 236.5100,
-37.2264, -6.5863

■ 241.4530,
-27.3383, -4.7823

■ 246.3960,
-17.4502, -2.9783

■ 251.4530, -7.1253,
-1.2743

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.



210.0810, -103.5699, 39.3940



211.7520, -88.1247, -14.6915



164.2770, -17.8846, -144.0709

Triad

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



211.7520, -88.1247, -14.6915



178.7550, 37.5888, -156.7681



185.4090, 30.3644, 61.0313

Complementary

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



211.7520, -88.1247, -14.6915



76.2480, 88.1247, 14.6915

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.



204.5180, 24.8876, 44.2727



211.7520, -88.1247, -14.6915



175.2330, 39.3251, -153.6793

Square

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



211.7520, -88.1247, -14.6915



178.7550, 37.5888, -156.7681



219.2720, 17.6139, -2.8695



182.5520, -13.5831, 63.5369

Rectangle

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



211.7520, -88.1247, -14.6915



171.5730, 10.0705, -150.4695



219.2720, 17.6139, -2.8695



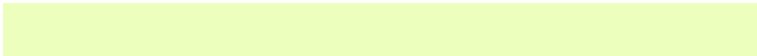
190.4300, 31.8330, 56.6279

Sweetspot

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



211.7520, -88.1247, -14.6915



242.0940, -26.1753, -4.4674



134.0110, -49.7984, 106.1074



120.1510, -15.8504, -2.7634



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.



211.7520, -88.1247, -14.6915



205.2990, -101.2124, -16.9252



178.8620, -71.9100, -82.3170



125.3220, -5.0887, -1.1594



153.9770, -75.9107, -12.2578



51.6210, -25.4492, -4.0526

Inverse Universe

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



76.2480, 88.1247, 14.6915



49.7010, 101.2124, 16.9252



109.1380, 71.9100, 82.3170



117.3790, 5.2362, 0.5446



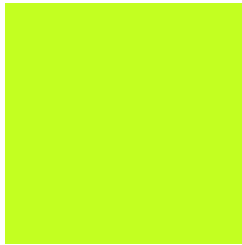
37.3220, 75.7633, 12.8726



12.3790, 25.4492, 4.0526

Previews

White Background



This preview shows how the YUV color 211.7520, -88.1247, -14.6915 looks on a white background.

Color Contrast Check

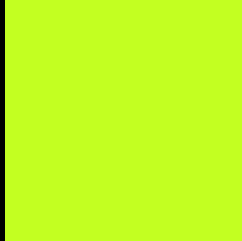
Large Text (above 18pt) WCAG AA × Fail

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 211.7520, -88.1247, -14.6915 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 211.7520, -88.1247, -14.6915 Background



This preview shows how black text looks on a background with the YUV color 211.7520, -88.1247, -14.6915.



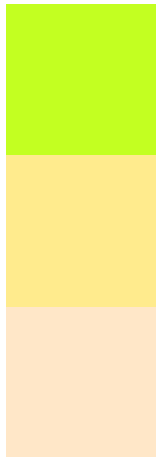
This preview shows how white text looks on a background with the YUV color 211.7520, -88.1247, -14.6915.

-14.6915.

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

211.7520, -88.1247, -14.6915

Protanopia

230.2640, -44.0072, 21.6935

Deuteranopia

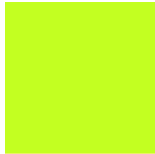
234.6420, -17.0785, 17.8540



Tritanopia

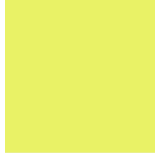
233.3710, 10.6631, -13.4804

Trichromacy



Original Color

211.7520, -88.1247, -14.6915



Protanomaly

223.3490, -59.8251, 8.4639



Deuteranomaly

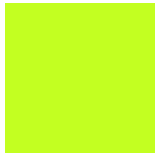
226.3930, -43.0847, 5.7943



Tritanomaly

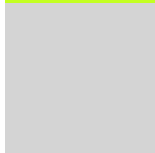
225.8540, -25.5640, -13.9040

Monochromacy



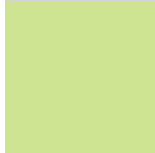
Original Color

211.7520, -88.1247, -14.6915



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.1880, -32.1377, -5.4269

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.7520, -88.1247, -14.6915 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(195, 255, 33)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 33)  
}
```

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(195, 255, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 33) }
```

Border

The CSS property to change the border of an element to YUV 211.7520, -88.1247, -14.6915 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(195, 255, 33) }
```


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

```
.border{ border-color:rgb(195, 255, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 33);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 211.7520, -88.1247, -14.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 33) }
```

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

```
.background{ background-color: rgb(195,  
255, 33) }
```

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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