

Converting Colors

YUV(212.4210, -89.4406,
-12.6472)

Have a look what the booklet for
YUV(212.4210, -89.4406, -12.6472)
contains.

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Color

**YUV(212.4210, -89.4406,
-12.6472)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FF1F
RGB	198, 255, 31
RGB Percent	78%, 100%, 12%
CMY	0.2235, 0.0000, 0.8784
CMYK	0.22, 0.00, 0.88, 0.00
HSL	75°, 100%, 56%
HSV	75°, 88%, 100%
XYZ	59.2960, 83.6247, 14.3123
YIQ	212.4210, 37.9320, -81.7480

Conversions

Conversions Part 2

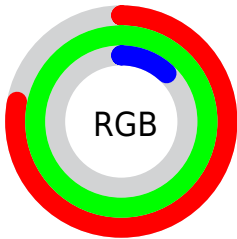
Format	Color
R _Y B	31, 255, 88
Decimal	13041439
CIE Lab	93.29, -43.83, 86.74
CIE LCh	93, 97.182, 116.810
Yxy	83.6247, 0.3771, 0.5319
Android (android.graphics.Color)	4291231519 (0xFFC6FF1F)
YUV	212.4210, -89.4406, -12.6472
Hunter-Lab	91.4465, -44.2880, 54.7331

Details

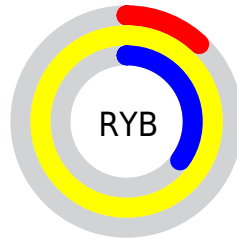
The YUV color **212.4210, -89.4406, -12.6472** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **73.5790, 89.4406, 12.6472**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7860, -65.9565, 15.0967**, and **157.4880, -77.6416, -17.0910** is the 20% darker color. If you saturate the color by 10%, you get **207.7770, -99.4761, -13.8364**, and if you desaturate by 10%, it is **217.1790, -78.9682, -11.5580**.

Distribution



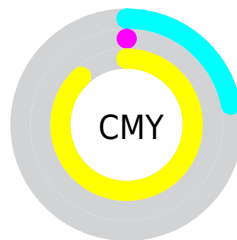
- Red (78%)
- Green (100%)
- Blue (12%)



- Red (12%)
- Yellow (100%)
- Blue (35%)



- Cyan (22%)
- Magenta (0%)
- Yellow (88%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.4210, -89.4406, -12.6472 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 212.4210, -89.4406, -12.6472 by changing the saturation by 10% instead.

212.4210,
-89.4406, -12.6472

212.4210,
-89.4406, -12.6472

255.0000, 0.0000,
0.0000

182.8940,
-90.1667, -13.0620

237.7860,
-65.9565, 15.0967

157.4880,
-77.6416, -17.0910

241.2060,
-52.8526, 12.0973

132.9680,
-65.5532, -21.0199

244.6260,
-39.7486, 9.0980

108.1490,
-53.3175, -25.5637

248.0460,
-26.6447, 6.0987

83.3190, -41.0763,
-31.8518

251.4660,
-13.5407, 3.0993

54.8900, -27.0608,
-47.2615

254.8860, -0.4368,

39.9160, -19.6786,

0.1000

-35.0063

■ 27.0020, -13.3120,
-23.6808

■ 11.7400, -5.7878,
-10.2960

■ 212.4210,
-89.4406, -12.6472

■ 212.4210,
-89.4406, -12.6472

■ 207.7770,
-99.4761, -13.8364

■ 217.1790,
-78.9682, -11.5580

■ 206.4950,
-101.8020, -14.4661

■ 222.1220,
-69.0801, -9.7540

■ 226.7660,
-59.0446, -8.5648

■ 231.8230,
-48.7197, -6.8608

■ 236.5810,
-38.2474, -5.7715

■ 241.5240,
-28.3593, -3.9675

■ 246.2820,
-17.8870, -2.8783

■ 251.2250, -7.9989,
-1.0743

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



212.4210, -89.4406, -12.6472



169.1320, -21.2641, -133.4198

Triad

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



212.4210, -89.4406, -12.6472



178.7550, 37.5888, -156.7681



186.3380, 31.3854, 60.2166

Complementary

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



212.4210, -89.4406, -12.6472



73.5790, 89.4406, 12.6472

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



212.4210, -89.4406, -12.6472



175.8200, 39.0357, -154.1941

Square

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



212.4210, -89.4406, -12.6472



178.7550, 37.5888, -156.7681



218.9620, 17.7667, -5.2287



182.1930, -12.4201, 63.8517

Rectangle

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



212.4210, -89.4406, -12.6472



171.3450, 9.1969, -150.2696



218.9620, 17.7667, -5.2287



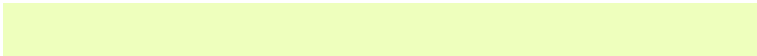
191.0170, 31.5436, 56.1131

Sweetspot

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



212.4210, -89.4406, -12.6472



242.3930, -26.3227, -3.8527



130.8480, -49.2251, 108.8813



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.



212.4210, -89.4406, -12.6472



206.4950, -101.8020, -14.4661



179.2320, -73.0784, -80.8875



125.3220, -5.0887, -1.1594



154.8740, -76.3529, -10.4135



51.9200, -25.5966, -3.4378

Inverse Universe

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



73.5790, 89.4406, 12.6472



48.5050, 101.8020, 14.4661



106.7680, 73.0784, 80.8875



117.3790, 5.2362, 0.5446



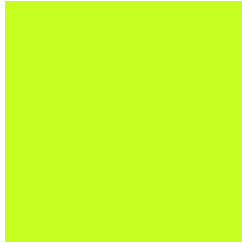
36.4250, 76.2055, 11.0283



12.0800, 25.5966, 3.4378

Previews

White Background



This preview shows how the YUV color 212.4210, -89.4406, -12.6472 looks on a white background.

Color Contrast Check

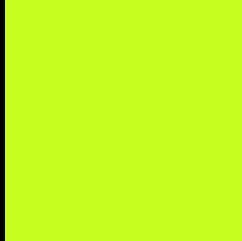
Large Text (above 18pt) WCAG AA × Fail

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 212.4210, -89.4406, -12.6472 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 212.4210, -89.4406, -12.6472 Background



This preview shows how black text looks on a background with the YUV color 212.4210, -89.4406, -12.6472.



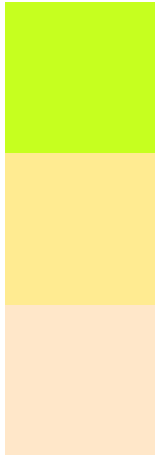
This preview shows how white text looks on a background with the YUV color 212.4210, -89.4406, -12.6472.

-12.6472.

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

212.4210, -89.4406, -12.6472

Protanopia

230.7200, -42.2600, 21.2936

Deuteranopia

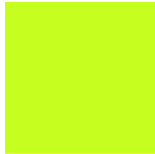
234.7560, -16.6417, 17.7540



Tritanopia

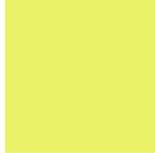
234.2680, 10.2209, -11.6360

Trichromacy



Original Color

212.4210, -89.4406, -12.6472



Protanomaly

223.8760, -59.0989, 8.8787



Deuteranomaly

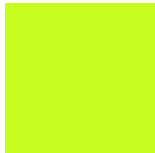
226.6920, -43.2322, 6.4091



Tritanomaly

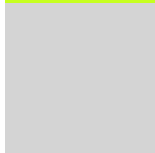
226.7510, -26.0062, -12.0596

Monochromacy



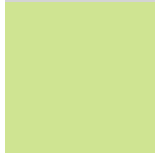
Original Color

212.4210, -89.4406, -12.6472



Achromatopsia

212.0000, 0.0000, 0.0000



Achromatomaly

212.3730, -32.7219, -4.7121

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.4210, -89.4406, -12.6472 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(198, 255, 31)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 31)  
}
```

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(198, 255, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 31) }
```

Border

The CSS property to change the border of an element to YUV 212.4210, -89.4406, -12.6472 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(198, 255, 31) }
```


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

```
.border{ border-color:rgb(198, 255, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 31);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 212.4210, -89.4406, -12.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 31) }
```

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

```
.background{ background-color: rgb(198,  
255, 31) }
```

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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