

Converting Colors

YUV(218.5190, -71.2479,
-14.4872)

Have a look what the booklet for
YUV(218.5190, -71.2479, -14.4872)
contains.

YUV(218.5190, -71.2479, -14.4872)	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(218.5190, -71.2479,
-14.4872)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFF4A
RGB	202, 255, 74
RGB Percent	79%, 100%, 29%
CMY	0.2078, 0.0000, 0.7098
CMYK	0.21, 0.00, 0.71, 0.00
HSL	78°, 100%, 65%
HSV	78°, 71%, 100%
XYZ	61.3532, 84.5710, 19.5687
YIQ	218.5190, 26.5130, -67.5270

Conversions

Conversions Part 2

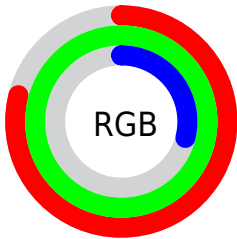
Format	Color
RYB	74, 255, 127
Decimal	13303626
CIELab	93.70, -40.72, 76.27
CIELCh	94, 86.456, 118.097
Yxy	84.5710, 0.3707, 0.5110
Android (android.graphics.Color)	4291493706 (0xFFCAFF4A)
YUV	218.5190, -71.2479, -14.4872
Hunter-Lab	91.9625, -41.8473, 51.7574

Details

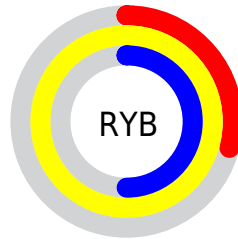
The YUV color **218.5190, -71.2479, -14.4872** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **110.4810, 71.2479, 14.4872**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.0920, -53.2894, 12.1973**, and **158.9830, -78.3786, -14.0171** is the 20% darker color. If you saturate the color by 10%, you get **213.5760, -81.1360, -16.2912**, and if you desaturate by 10%, it is **223.5760, -60.9230, -12.7832**.

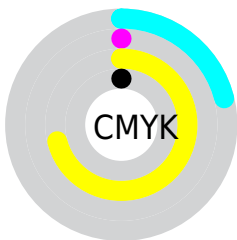
Distribution



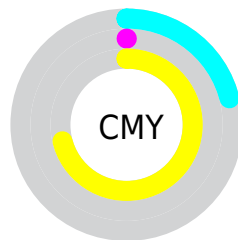
- Red (79%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (50%)



- Cyan (21%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.5190, -71.2479, -14.4872 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 218.5190, -71.2479, -14.4872 by changing the saturation by 10% instead.

218.5190,
-71.2479, -14.4872

218.5190,
-71.2479, -14.4872

255.0000, 0.0000,
0.0000

188.9490,
-73.4319, -13.9873

241.0920,
-53.2894, 12.1973

158.9830,
-78.3786, -14.0171

244.3980,
-40.6222, 9.2980

134.7620,
-66.4377, -17.3313

247.7040,
-27.9551, 6.3986

110.2420,
-54.3493, -21.2602

251.0100,
-15.2879, 3.4992

86.3090, -42.5503,
-25.7040

254.4300, -2.1840,
0.4999

61.1690, -30.1563,
-34.3512

40.5030, -19.9680,

-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 12.3270, -6.0772,
-10.8108

■ 218.5190,
-71.2479, -14.4872

■ 218.5190,
-71.2479, -14.4872

■ 213.5760,
-81.1360, -16.2912

■ 223.5760,
-60.9230, -12.7832

■ 208.2200,
-91.3135, -18.6099

■ 228.8180,
-51.1823, -10.3644

■ 203.5050,
-100.3280, -20.6139

■ 233.8750,
-40.8574, -8.6604

■ 239.1170,
-31.1167, -6.2416

■ 244.1740,
-20.7918, -4.5376

■ 249.4160,
-11.0511, -2.1188

■ 254.4730, -0.7262,
-0.4148

■ 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.



217.3140, -83.4718, 33.0506



218.5190, -71.2479, -14.4872



188.5260, -21.9513, -99.5623

Triad

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



218.5190, -71.2479, -14.4872



178.7550, 37.5888, -156.7681



196.4480, 24.4291, 51.3501

Complementary

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



218.5190, -71.2479, -14.4872



110.4810, 71.2479, 14.4872

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.



210.9750, 21.7043, 38.6099



218.5190, -71.2479, -14.4872



174.6460, 39.6145, -153.1645

Square

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



218.5190, -71.2479, -14.4872



178.7550, 37.5888, -156.7681



224.3220, 15.1243, 2.3486



192.8560, -14.7190, 54.5003

Rectangle

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



218.5190, -71.2479, -14.4872



172.4850, 13.5649, -151.2693



224.3220, 15.1243, 2.3486



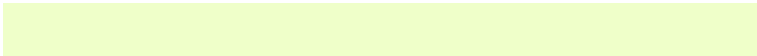
200.4090, 26.9134, 47.8763

Sweetspot

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



218.5190, -71.2479, -14.4872



244.0600, -21.2286, -4.4376



158.0560, -41.4396, 85.0199



121.3620, -12.5035, -2.9485



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.



218.5190, -71.2479, -14.4872



211.4250, -85.4985, -17.0357



191.9080, -58.1286, -69.2023



125.3220, -5.0887, -1.1594



152.4820, -75.1736, -15.3317



51.0230, -25.1543, -5.2822

Inverse Universe

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



110.4810, 71.2479, 14.4872



81.8740, 85.3511, 17.6505



137.0920, 58.1286, 69.2023



117.3790, 5.2362, 0.5446



38.5180, 75.1736, 15.3317



12.9770, 25.1543, 5.2822

Previews

White Background



This preview shows how the YUV color 218.5190, -71.2479, -14.4872 looks on a white background.

Color Contrast Check

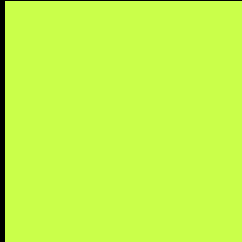
Large Text (above 18pt) WCAG AA × Fail

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 218.5190, -71.2479, -14.4872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

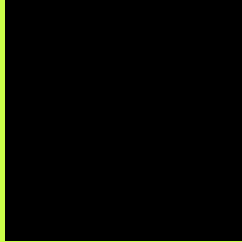
Any Text WCAG AA ✓ Pass

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 218.5190, -71.2479, -14.4872 Background



This preview shows how black text looks on a background with the YUV color 218.5190, -71.2479, -14.4872.



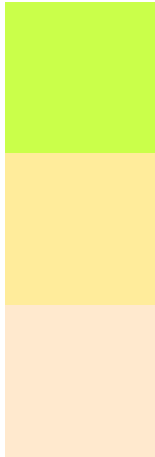
This preview shows how white text looks on a background with the YUV color 218.5190, -71.2479, -14.4872.

-14.4872.

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

218.5190, -71.2479, -14.4872

Protanopia

232.4470, -38.1814, 19.7790

Deuteranopia

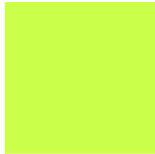
236.5000, -15.0365, 16.2245



Tritanopia

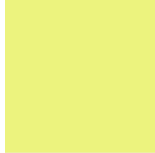
235.7520, 9.4893, -10.3065

Trichromacy



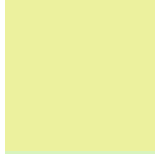
Original Color

218.5190, -71.2479, -14.4872



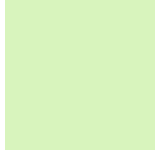
Protanomaly

227.5690, -50.0735, 7.3940



Deuteranomaly

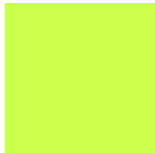
230.0430, -35.5172, 5.2243



Tritanomaly

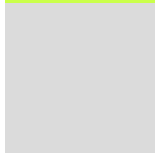
229.3580, -19.8965, -11.7150

Monochromacy



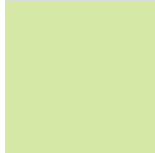
Original Color

218.5190, -71.2479, -14.4872



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.7950, -26.0279, -5.0822

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.5190, -71.2479, -14.4872 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(202, 255, 74)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 74)  
}
```

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(202, 255, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 74) }
```

Border

The CSS property to change the border of an element to YUV 218.5190, -71.2479, -14.4872 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(202, 255, 74) }
```


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

```
.border{ border-color:rgb(202, 255, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 255, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 74);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 218.5190, -71.2479, -14.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 74) }
```

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

```
.background{ background-color: rgb(202,  
255, 74) }
```

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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