

# Converting Colors

YUV(219.4700, -86.9997,  
-2.1662)

Have a look what the booklet for  
YUV(219.4700, -86.9997, -2.1662)  
contains.

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# Color

**YUV(219.4700, -86.9997,  
-2.1662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9FF2B
RGB	217, 255, 43
RGB Percent	85%, 100%, 17%
CMY	0.1490, 0.0000, 0.8314
CMYK	0.15, 0.00, 0.83, 0.00
HSL	71°, 100%, 58%
HSV	71°, 83%, 100%
XYZ	64.8113, 86.4461, 15.5554
YIQ	219.4700, 45.4040, -73.9880

# Conversions

## Conversions Part 2

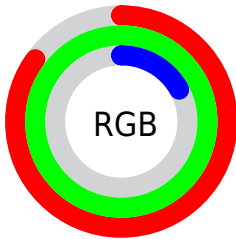
Format	Color
R <sub>Y</sub> B	43, 255, 81
Decimal	14286635
CIE Lab	94.50, -36.22, 85.97
CIE LCh	95, 93.286, 112.844
Yxy	86.4461, 0.3885, 0.5182
Android (android.graphics.Color)	4292476715 (0xFFD9FF2B)
YUV	219.4700, -86.9997, -2.1662
Hunter-Lab	92.9764, -38.2812, 55.1640

# Details

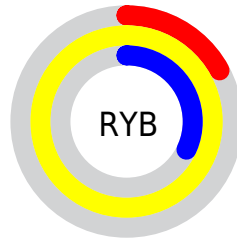
The YUV color **219.4700, -86.9997, -2.1662** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **78.5300, 86.9997, 2.1662**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5840, -62.8989, 14.3968**, and **163.1690, -80.4423, -5.4102** is the 20% darker color. If you saturate the color by 10%, you get **215.1250, -97.1826, -2.7406**, and if you desaturate by 10%, it is **223.9290, -76.3800, -1.6917**.

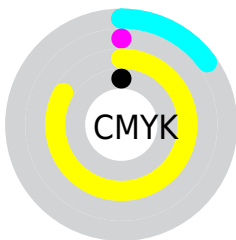
# Distribution



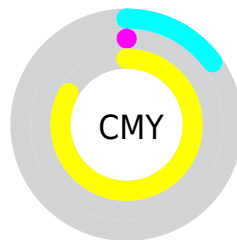
- Red (85%)
- Green (100%)
- Blue (17%)



- Red (17%)
- Yellow (100%)
- Blue (32%)



- Cyan (15%)
- Magenta (0%)
- Yellow (83%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 219.4700, -86.9997, -2.1662 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 219.4700, -86.9997, -2.1662 by changing the saturation by 10% instead.




 219.4700,  
-86.9997, -2.1662


 219.4700,  
-86.9997, -2.1662


255.0000, 0.0000,  
0.0000


 188.5750,  
-92.9675, -1.3813


 238.5840,  
-62.8989, 14.3968

 163.1690,  
-80.4423, -5.4102


 242.0040,  
-49.7950, 11.3975


 138.6490,  
-68.3540, -9.3392


 245.3100,  
-37.1278, 8.4981

 114.1290,  
-56.2656, -13.2681

 248.7300,  
-24.0239, 5.4988

 90.1960, -44.4666,  
-17.7119

 252.1500,  
-10.9200, 2.4994

 66.8390, -32.9516,  
-24.4148

 40.5030, -19.9680,

-35.5211

■ 27.5890, -13.6014,  
-24.1956

■ 14.0880, -6.9454,  
-12.3552

■ 219.4700,  
-86.9997, -2.1662

■ 219.4700,  
-86.9997, -2.1662

■ 215.1250,  
-97.1826, -2.7406

■ 223.9290,  
-76.3800, -1.6917

■ 212.1760,  
-104.6028, -2.7854

■ 227.9750,  
-66.0497, -1.7321

■ 232.4340,  
-55.4300, -1.2576

■ 236.4800,  
-45.0996, -1.2980

■ 240.9390,  
-34.4799, -0.8235

■ 244.9850,  
-24.1496, -0.8638

■ 249.4440,  
-13.5299, -0.3894

■ 253.7890, -3.3470,  
0.1850

■ 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.



212.0020, -93.6710, 37.7092



219.4700, -86.9997, -2.1662



191.2150, -33.6300, -87.0116

# Triad

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



219.4700, -86.9997, -2.1662



178.7550, 37.5888, -156.7681



194.5390, 29.8073, 53.0243

# Complementary

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



219.4700, -86.9997, -2.1662



78.5300, 86.9997, 2.1662

# 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.



213.3230, 20.5468, 36.5507



219.4700, -86.9997, -2.1662



178.7550, 37.5888, -156.7681

# Square

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



219.4700, -86.9997, -2.1662



178.7550, 37.5888, -156.7681



219.1620, 17.6681, -20.3131



187.7670, -6.2941, 58.9633



# Rectangle

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



219.4700, -86.9997, -2.1662



170.5470, 6.1393, -149.5697



219.1620, 17.6681, -20.3131



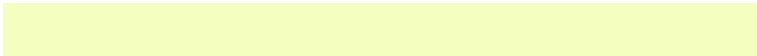
198.6480, 27.7815, 49.4207

# Sweetspot

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



219.4700, -86.9997, -2.1662



244.4150, -26.3336, -0.3640



126.9330, -41.3790, 112.3148



121.4610, -16.0033, -0.4043



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.



219.4700, -86.9997, -2.1662



212.1760, -104.6028, -2.7854



188.6730, -71.8168, -65.4882



125.6210, -5.2362, -0.5446



159.0600, -78.4166, -1.8066



53.1160, -26.1862, -0.9787



# Inverse Universe

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



78.5300, 86.9997, 2.1662



42.8240, 104.6028, 2.7854



109.3270, 71.8168, 65.4882



117.0800, 5.3836, -0.0702



31.9400, 78.4166, 1.8066

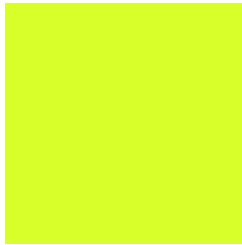


10.5850, 26.3336, 0.3640



# Previews

## White Background



This preview shows how the YUV color 219.4700, -86.9997, -2.1662 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

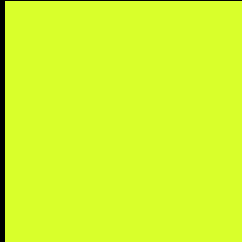
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.4700, -86.9997, -2.1662 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 219.4700, -86.9997, -2.1662 Background



This preview shows how black text looks on a background with the YUV color 219.4700, -86.9997, -2.1662.



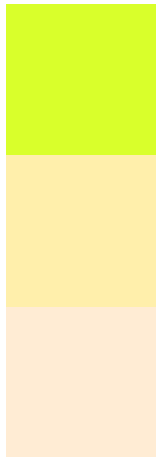
This preview shows how white text looks on a background with the YUV color 219.4700, -86.9997, -2.1662.

-2.1662.

# 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

219.4700, -86.9997, -2.1662

### Protanopia

236.0320, -32.0608, 16.6349

### Deuteranopia

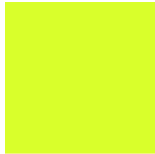
238.9450, -13.2839, 14.0802



## Tritanopia

239.0520, 7.8624, -1.7996

# Trichromacy



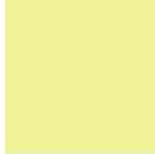
## Original Color

219.4700, -86.9997, -2.1662



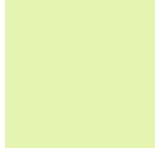
## Protanomaly

230.0100, -52.2629, 9.6382



## Deuteranomaly

231.9140, -39.8906, 7.9684



## Tritanomaly

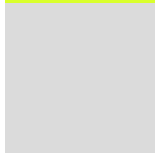
232.2900, -26.7650, -2.0083

# Monochromacy



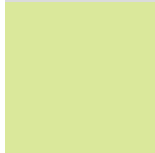
## Original Color

219.4700, -86.9997, -2.1662



## Achromatopsia

219.0000, 0.0000, 0.0000



## Achromatomaly

219.0360, -31.5697, -0.9086

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.4700, -86.9997, -2.1662 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(217, 255, 43)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 43)  
}
```

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(217, 255, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 43) }
```

## Border

The CSS property to change the border of an element to YUV 219.4700, -86.9997, -2.1662 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(217, 255, 43) }
```



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

```
.border{ border-color:rgb(217, 255, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 43);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
43) }
```

# Background

The CSS property to change the background color of an element to YUV 219.4700, -86.9997, -2.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 43) }
```

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

```
.background{ background-color: rgb(217,  
255, 43) }
```

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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