

Converting Colors

YUV(219.2290, -81.4579,
-6.3398)

Have a look what the booklet for
YUV(219.2290, -81.4579, -6.3398)
contains.

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Color

**YUV(219.2290, -81.4579,
-6.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FF36
RGB	212, 255, 54
RGB Percent	83%, 100%, 21%
CMY	0.1686, 0.0000, 0.7882
CMYK	0.17, 0.00, 0.79, 0.00
HSL	73°, 100%, 61%
HSV	73°, 79%, 100%
XYZ	63.5772, 85.7834, 16.6970
YIQ	219.2290, 38.8930, -71.6270

Conversions

Conversions Part 2

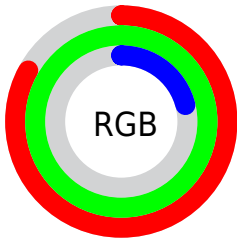
Format	Color
RYB	54, 255, 97
Decimal	13958966
CIELab	94.22, -37.81, 82.98
CIELCh	94, 91.190, 114.494
Yxy	85.7834, 0.3829, 0.5166
Android (android.graphics.Color)	4292149046 (0xFFD4FF36)
YUV	219.2290, -81.4579, -6.3398
Hunter-Lab	92.6193, -39.5550, 54.1450

Details

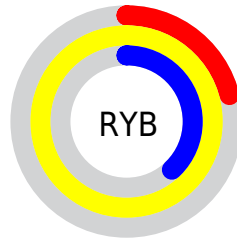
The YUV color **219.2290, -81.4579, -6.3398** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **89.7710, 81.4579, 6.3398**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.3820, -59.8413, 13.6970**, and **161.9730, -79.8527, -7.8693** is the 20% darker color. If you saturate the color by 10%, you get **214.7700, -92.0776, -6.8143**, and if you desaturate by 10%, it is **223.6880, -70.8382, -5.8654**.

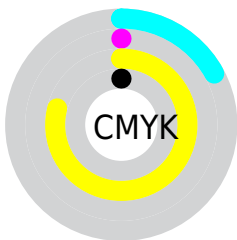
Distribution



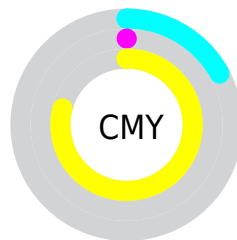
- Red (83%)
- Green (100%)
- Blue (21%)



- Red (21%)
- Yellow (100%)
- Blue (38%)



- Cyan (17%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.2290, -81.4579, -6.3398 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 219.2290, -81.4579, -6.3398 by changing the saturation by 10% instead.

219.2290,
-81.4579, -6.3398

219.2290,
-81.4579, -6.3398

255.0000, 0.0000,
0.0000

187.0800,
-92.2304, -4.4552

239.3820,
-59.8413, 13.6970

161.9730,
-79.8527, -7.8693

242.6880,
-47.1742, 10.7976

137.4530,
-67.7643, -11.7983

246.1080,
-34.0702, 7.7983

112.9330,
-55.6760, -15.7272

249.4140,
-21.4031, 4.8989

88.7010, -43.7296,
-20.7858

252.8340, -8.2992,
1.8996

64.7570, -31.9252,
-26.9739

40.5030, -19.9680,

-35.5211

■ 27.0020, -13.3120,
-23.6808

■ 13.5010, -6.6560,
-11.8404

■ 219.2290,
-81.4579, -6.3398

■ 219.2290,
-81.4579, -6.3398

■ 214.7700,
-92.0776, -6.8143

■ 223.6880,
-70.8382, -5.8654

■ 210.1260,
-102.1131, -8.0035

■ 228.3320,
-60.8027, -4.6762

■ 209.4850,
-103.2761, -8.3183

■ 232.7910,
-50.1830, -4.2017

■ 237.4350,
-40.1475, -3.0125

■ 241.7800,
-29.9645, -2.4381

■ 246.5380,
-19.4922, -1.3488

■ 250.9970, -8.8725,
-0.8744

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.



214.2020, -90.3186, 35.7798



219.2290, -81.4579, -6.3398



190.2190, -29.6880, -91.4001

Triad

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



219.2290, -81.4579, -6.3398



178.7550, 37.5888, -156.7681



195.1260, 29.5179, 52.5095

Complementary

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



219.2290, -81.4579, -6.3398



89.7710, 81.4579, 6.3398

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.



212.1490, 21.1255, 37.5803



219.2290, -81.4579, -6.3398



178.1680, 37.8782, -156.2533

Square

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



219.2290, -81.4579, -6.3398



178.7550, 37.5888, -156.7681



221.2770, 16.6254, -12.5209



189.0720, -8.9095, 57.8189

Rectangle

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



219.2290, -81.4579, -6.3398



171.1170, 8.3233, -150.0696



221.2770, 16.6254, -12.5209



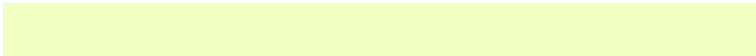
199.2350, 27.4921, 48.9059

Sweetspot

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



219.2290, -81.4579, -6.3398



244.1590, -24.7284, -1.8934



137.5790, -41.2044, 102.9782



121.3900, -14.9823, -1.2190



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.



219.2290, -81.4579, -6.3398



211.8640, -98.0400, -7.7737



189.9270, -67.0120, -66.5880



125.6210, -5.2362, -0.5446



156.9670, -77.3847, -6.1101



52.5180, -25.8914, -2.2083

Inverse Universe

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



89.7710, 81.4579, 6.3398



56.1360, 98.0400, 7.7737



119.0730, 67.0120, 66.5880



117.0800, 5.3836, -0.0702



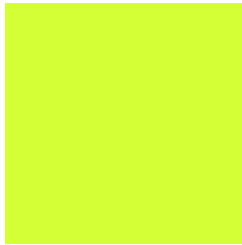
34.0330, 77.3847, 6.1101



11.4820, 25.8914, 2.2083

Previews

White Background



This preview shows how the YUV color 219.2290, -81.4579, -6.3398 looks on a white background.

Color Contrast Check

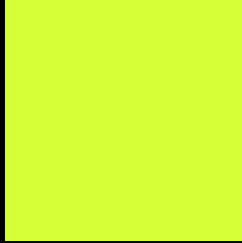
Large Text (above 18pt) WCAG AA × Fail

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 219.2290, -81.4579, -6.3398 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 219.2290, -81.4579, -6.3398 Background



This preview shows how black text looks on a background with the YUV color 219.2290, -81.4579, -6.3398.



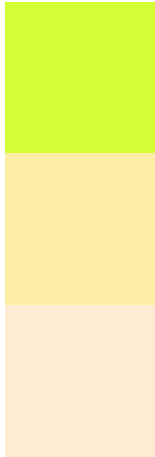
This preview shows how white text looks on a background with the YUV color 219.2290, -81.4579, -6.3398.

-6.3398.

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

219.2290, -81.4579, -6.3398

Protanopia

234.8750, -33.9554, 17.6496

Deuteranopia

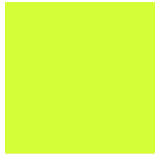
238.1300, -13.8681, 14.7950



Tritanopia

238.1440, 8.3100, -5.3883

Trichromacy



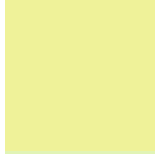
Original Color

219.2290, -81.4579, -6.3398



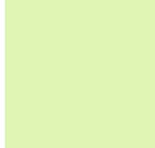
Protanomaly

228.9390, -51.2419, 8.8235



Deuteranomaly

230.9570, -38.4328, 7.0537



Tritanomaly

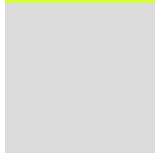
231.2510, -24.2807, -5.4821

Monochromacy



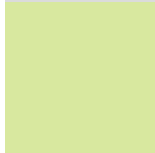
Original Color

219.2290, -81.4579, -6.3398



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.8940, -29.5277, -2.5380

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.2290, -81.4579, -6.3398 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(212, 255, 54)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 54)  
}
```

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(212, 255, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 54) }
```

Border

The CSS property to change the border of an element to YUV 219.2290, -81.4579, -6.3398 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(212, 255, 54) }
```


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

```
.border{ border-color:rgb(212, 255, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 54);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 219.2290, -81.4579, -6.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 54) }
```

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

```
.background{ background-color: rgb(212,  
255, 54) }
```

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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