

Converting Colors

YUV(219.9200, -29.0476,
-16.5928)

Have a look what the booklet for
YUV(219.9200, -29.0476, -16.5928)
contains.

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Color

**YUV(219.9200, -29.0476,
-16.5928)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F1A1
RGB	201, 241, 161
RGB Percent	79%, 95%, 63%
CMY	0.2118, 0.0549, 0.3686
CMYK	0.17, 0.00, 0.33, 0.05
HSL	90°, 74%, 79%
HSV	90°, 33%, 95%
XYZ	61.9757, 77.9013, 45.4882
YIQ	219.9200, 1.8400, -33.3600

Conversions

Conversions Part 2

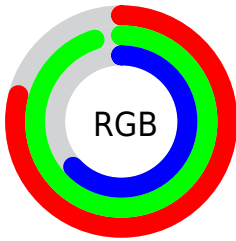
Format	Color
RYB	161, 241, 201
Decimal	13234593
CIELab	90.73, -26.49, 34.51
CIELCh	91, 43.507, 127.506
Yxy	77.9013, 0.3343, 0.4203
Android (android.graphics.Color)	4291424673 (0xFFC9F1A1)
YUV	219.9200, -29.0476, -16.5928
Hunter-Lab	88.2617, -29.1187, 31.2264

Details

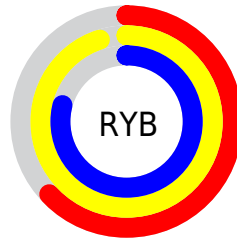
The YUV color **219.9200, -29.0476, -16.5928** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **182.0800, 29.0476, 16.5928**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.5540, -17.0351, 3.8991**, and **164.5610, -27.8846, -16.2780** is the 20% darker color. If you saturate the color by 10%, you get **213.5960, -37.7618, -21.5707**, and if you desaturate by 10%, it is **226.2440, -20.3333, -11.6150**.

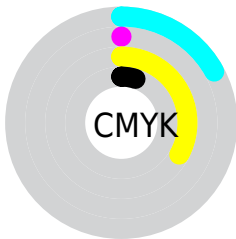
Distribution



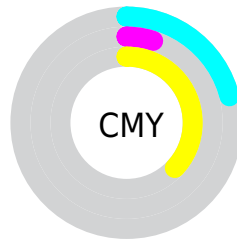
- Red (79%)
- Green (95%)
- Blue (63%)



- Red (63%)
- Yellow (95%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (33%)
- Black (5%)



- Cyan (21%)
- Magenta (5%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.9200, -29.0476, -16.5928 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 219.9200, -29.0476, -16.5928 by changing the saturation by 10% instead.

■ 219.9200,
-29.0476, -16.5928

■ 219.9200,
-29.0476, -16.5928

255.0000, 0.0000,
0.0000

■ 192.0340,
-28.6108, -16.6928

■ 250.5540,
-17.0351, 3.8991

■ 164.5610,
-27.8846, -16.2780

■ 253.8600, -4.3680,
0.9998

■ 137.7890,
-27.0110, -16.4780

■ 112.3160,
-26.2848, -16.0631

■ 86.5440, -25.4112,
-16.2631

■ 62.4300, -25.8480,
-16.1631

■ 40.0260, -19.7328,

-17.5628

■ 21.7190, -10.7075,
-19.0476

■ 2.9350, -1.4470,
-2.5740

■ 219.9200,
-29.0476, -16.5928

■ 219.9200,
-29.0476, -16.5928

■ 213.5960,
-37.7618, -21.5707

■ 226.2440,
-20.3333, -11.6150

■ 207.2720,
-46.4761, -26.5485

■ 232.5680,
-11.6190, -6.6371

■ 200.9480,
-55.1904, -31.5264

■ 238.8920, -2.9048,
-1.6593

■ 194.6240,
-63.9046, -36.5042

■ 244.9880, 4.9359,
3.5185

■ 188.3000,
-72.6189, -41.4821

■ 246.7820, 4.0515,
7.2072

■ 181.8620,
-81.7700, -46.3600

■ 177.3470,
-87.4321, -50.2933

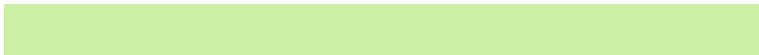
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.5070, -39.1970, 18.8494



219.9200, -29.0476, -16.5928



212.9550, -8.8518, -54.3345

Triad

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



219.9200, -29.0476, -16.5928



206.1180, 24.0988, -76.4025



216.2630, 1.3493, 33.9723

Complementary

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



219.9200, -29.0476, -16.5928



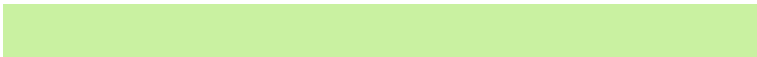
182.0800, 29.0476, 16.5928

Split Complementary

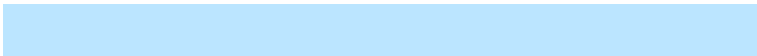
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.3020, 15.6271, 27.7991



219.9200, -29.0476, -16.5928



219.4060, 17.5478, -28.4201

Square

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



219.9200, -29.0476, -16.5928



197.3590, 28.4170, -108.1858



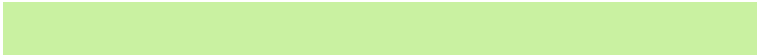
228.5410, 13.0443, 16.1885



215.3390, -17.4221, 34.7827

Rectangle

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



219.9200, -29.0476, -16.5928



207.4430, 7.6696, -80.1955



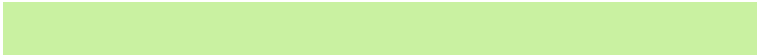
228.5410, 13.0443, 16.1885



218.5600, 7.6119, 31.9579

Sweetspot

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



219.9200, -29.0476, -16.5928



248.2630, -9.0037, -5.4927



208.4000, -23.3682, 28.5902



123.7840, -5.8095, -3.3186



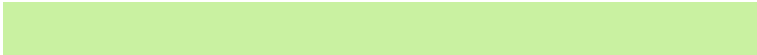
0.0000, 0.0000, 0.0000



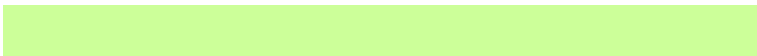
128.0000, 0.0000, 0.0000

Same Dimension

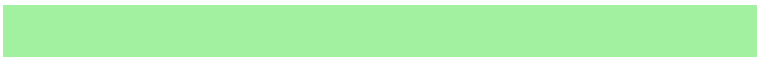
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.9200, -29.0476, -16.5928



228.1230, -37.0356, -21.1559



207.9600, -23.1513, -41.1839



116.8380, -4.3571, -2.4889



135.5160, -66.8094, -38.1635



41.2440, -20.3333, -11.6150

Inverse Universe

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



182.0800, 29.0476, 16.5928



179.8770, 37.0356, 21.1559



194.0400, 23.1513, 41.1839



111.1620, 4.3571, 2.4889



48.4840, 66.8094, 38.1635



14.7560, 20.3333, 11.6150

Previews

White Background



This preview shows how the YUV color 219.9200, -29.0476, -16.5928 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 219.9200, -29.0476, -16.5928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

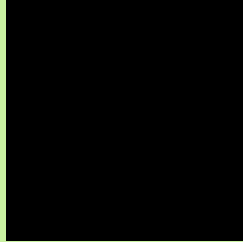
Any Text WCAG AA ✓ Pass

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 219.9200, -29.0476, -16.5928 Background



This preview shows how black text looks on a background with the YUV color 219.9200, -29.0476, -16.5928.



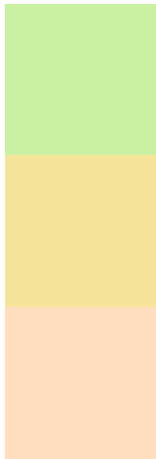
This preview shows how white text looks on a background with the YUV color 219.9200, -29.0476, -16.5928.

-16.5928.

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

219.9200, -29.0476, -16.5928

Protanopia

225.3590, -34.6870, 18.9792

Deuteranopia

228.4470, -17.9684, 23.2870



Tritanopia

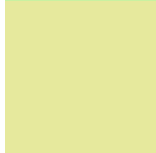
227.2680, 10.2209, -11.6360

Trichromacy



Original Color

219.9200, -29.0476, -16.5928



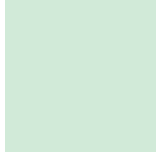
Protanomaly

223.4390, -32.7544, 5.7540



Deuteranomaly

225.3220, -21.8507, 8.4876



Tritanomaly

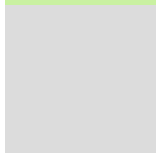
224.4730, -4.1772, -13.5698

Monochromacy



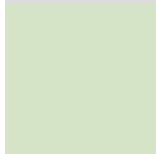
Original Color

219.9200, -29.0476, -16.5928



Achromatopsia

220.0000, 0.0000, 0.0000



Achromatomaly

220.2090, -10.4560, -6.3223

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.9200, -29.0476, -16.5928 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(201, 241, 161)` looks like.

```
.text, #text, p{  
    color:rgb(201, 241, 161)  
}
```

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(201, 241, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 241, 161) }
```

Border

The CSS property to change the border of an element to YUV 219.9200, -29.0476, -16.5928 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(201, 241, 161) }
```


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

```
.border{ border-color:rgb(201, 241, 161) }
```

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

Here you see how a box with a 4 pixel rgb(201, 241, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 241, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 241, 161);  
box-shadow:4px 4px 4px 4px rgb(201, 241,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 219.9200, -29.0476, -16.5928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 241, 161) }
```

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

```
.background{ background-color: rgb(201,  
241, 161) }
```

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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