

Converting Colors

YUV(176.9210, -4.3981,
-129.7267)

Have a look what the booklet for
YUV(176.9210, -4.3981, -129.7267)
contains.

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Color

**YUV(176.9210, -4.3981,
-129.7267)**

Conversions

Conversions Part 1

Format	Color
Hex	1DFEA8
RGB	29, 254, 168
RGB Percent	11%, 100%, 66%
CMY	0.8863, 0.0039, 0.3412
CMYK	0.89, 0.00, 0.34, 0.00
HSL	157°, 99%, 55%
HSV	157°, 89%, 100%
XYZ	43.0164, 73.9720, 49.0566
YIQ	176.9210, -106.4940, -74.4460

Conversions

Conversions Part 2

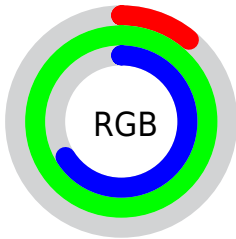
Format	Color
RYB	29, 168, 254
Decimal	1965736
CIELab	88.91, -68.31, 27.55
CIELCh	89, 73.657, 158.032
Yxy	73.9720, 0.2591, 0.4455
Android (android.graphics.Color)	4280155816 (0xFF1DFEA8)
YUV	176.9210, -4.3981, -129.7267
Hunter-Lab	86.0070, -61.2354, 26.3871

Details

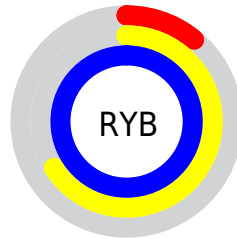
The YUV color **176.9210, -4.3981, -129.7267** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **106.0790, 4.3981, 129.7267**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4000, 6.2118, -79.2808**, and **128.1620, -6.4889, -112.3981** is the 20% darker color. If you saturate the color by 10%, you get **168.3060, -5.0809, -144.0964**, and if you desaturate by 10%, it is **185.5360, -3.7152, -115.3571**.

Distribution



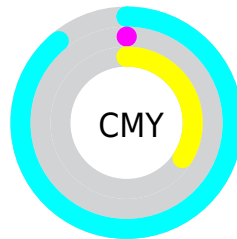
- Red (11%)
- Green (100%)
- Blue (66%)



- Red (11%)
- Yellow (66%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9210, -4.3981, -129.7267 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 176.9210, -4.3981, -129.7267 by changing the saturation by 10% instead.

■ 176.9210, -4.3981,
-129.7267

■ 176.9210, -4.3981,
-129.7267

255.0000, 0.0000,
0.0000

■ 148.1490, -3.5245,
-129.9267

■ 211.4000, 6.2118,
-79.2808

■ 128.1620, -6.4889,
-112.3981

■ 224.7580, 13.4303,
-61.1778

■ 108.8760, -9.3059,
-95.4843

■ 234.9670, 9.8763,
-41.1901

■ 89.7040, -11.6861,
-78.6704

■ 244.5350, 5.1592,
-21.5172

■ 71.2330, -13.9189,
-62.4713

■ 254.1030, 0.4422,
-1.8443

■ 53.3490, -16.4411,
-46.7871

■ 36.3940, -17.9422,

-31.9175

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 176.9210, -4.3981,
-129.7267

■ 176.9210, -4.3981,
-129.7267

■ 168.3060, -5.0809,
-144.0964

■ 185.5360, -3.7152,
-115.3571

■ 166.9960, -4.9280,
-146.4555

■ 194.3360, -3.6166,
-100.2727

■ 202.9510, -2.9338,
-85.9030

■ 211.8650, -2.3984,
-70.9186

■ 220.4800, -1.7156,
-56.5490

■ 228.9810, -1.4696,
-42.0793

■ 237.8950, -0.9342,
-27.0949

■ 246.5100, -0.2514,
-12.7253

254.4130, 0.2894,
0.5148

Harmonies

Analogous

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



205.8430, -49.2226, -32.3113



176.9210, -4.3981, -129.7267



177.1590, 31.4736, -155.3684

Triad

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



176.9210, -4.3981, -129.7267



197.3240, 28.4343, -66.9361



194.3430, -26.7911, 53.1962

Complementary

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



176.9210, -4.3981, -129.7267



106.0790, 4.3981, 129.7267

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.



193.1760, 6.8152, 54.2196



176.9210, -4.3981, -129.7267



220.0570, 17.2269, 28.0140

Square

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



176.9210, -4.3981, -129.7267



172.8850, 40.4827, -151.6201



205.1050, 24.5982, 43.7579



204.4920, -56.4446, 44.2955

Rectangle

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



176.9210, -4.3981, -129.7267



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579



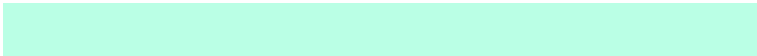
192.6280, -15.5926, 54.7002

Sweetspot

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



176.9210, -4.3981, -129.7267



231.4050, -1.1857, -39.8202



186.7890, -77.7900, -62.9590



113.9170, -0.9451, -23.6062



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.



176.9210, -4.3981, -129.7267



167.6970, -4.7806, -147.0703



171.4630, 40.6907, -124.9401



123.5430, -0.2677, -7.4922



125.5690, -3.7315, -110.1240



42.0140, -1.4859, -36.8463

Inverse Universe

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



106.0790, 4.3981, 129.7267



87.3030, 4.7806, 147.0703



111.5370, -40.6907, 124.9401



119.4570, 0.2677, 7.4922



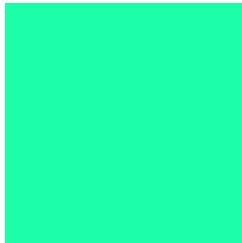
65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 176.9210, -4.3981, -129.7267 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 176.9210, -4.3981, -129.7267 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 176.9210, -4.3981, -129.7267 Background



This preview shows how black text looks on a background with the YUV color 176.9210, -4.3981, -129.7267.



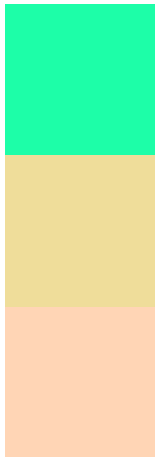
This preview shows how white text looks on a background with the YUV color 176.9210, -4.3981, -129.7267.

-129.7267.

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

176.9210, -4.3981, -129.7267

Protanopia

218.7440, -31.9188, 17.7645

Deuteranopia

221.9100, -20.1686, 29.0199



Tritanopia

207.9340, 23.2035, -69.2251

Trichromacy



Original Color

176.9210, -4.3981, -129.7267



Protanomaly

203.6340, -22.0046, -35.6360



Deuteranomaly

205.6270, -14.6061, -28.6139



Tritanomaly

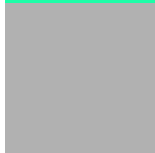
196.4570, 13.0857, -90.7318

Monochromacy



Original Color

176.9210, -4.3981, -129.7267



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.9480, -1.4534, -47.3124

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9210, -4.3981, -129.7267 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(29, 254, 168)` looks like.

```
.text, #text, p{  
    color:rgb(29, 254, 168)  
}
```

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(29, 254, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 254, 168) }
```

Border

The CSS property to change the border of an element to YUV 176.9210, -4.3981, -129.7267 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(29, 254, 168) }
```


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

```
.border{ border-color:rgb(29, 254, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 254, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 254, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 254, 168);  
box-shadow:4px 4px 4px 4px rgb(29, 254,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 176.9210, -4.3981, -129.7267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 254, 168) }
```

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

```
.background{ background-color: rgb(29, 254,  
168) }
```

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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