

Converting Colors

YUV(209.3910, -0.1928,
-78.3959)

Have a look what the booklet for
YUV(209.3910, -0.1928, -78.3959)
contains.

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Color

**YUV(209.3910, -0.1928,
-78.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	78FFD1
RGB	120, 255, 209
RGB Percent	47%, 100%, 82%
CMY	0.5294, 0.0000, 0.1804
CMYK	0.53, 0.00, 0.18, 0.00
HSL	160°, 100%, 74%
HSV	160°, 53%, 100%
XYZ	55.0144, 80.1165, 72.8861
YIQ	209.3910, -65.6940, -42.9260

Conversions

Conversions Part 2

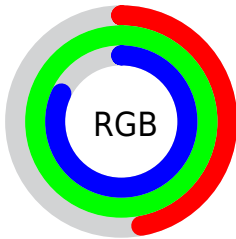
Format	Color
RYB	120, 201, 255
Decimal	7929809
CIELab	91.74, -47.69, 10.80
CIELCh	92, 48.899, 167.241
Yxy	80.1165, 0.2645, 0.3851
Android (android.graphics.Color)	4286119889 (0xFF78FFD1)
YUV	209.3910, -0.1928, -78.3959
Hunter-Lab	89.5078, -46.9269, 14.3757

Details

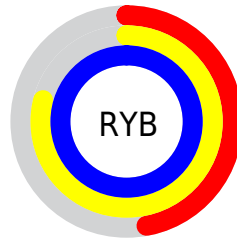
The YUV color $209.3910, -0.1928, -78.3959$ is a light color, and the websafe version is hex $66FFCC$. A complement of this color would be $165.6090, 0.1928, 78.3959$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.5750, 11.0555, -46.1083$, and $149.1560, 2.8811, -84.3288$ is the 20% darker color. If you saturate the color by 10%, you get $200.8900, -0.4388, -92.8655$, and if you desaturate by 10%, it is $218.1910, -0.0942, -63.3115$.

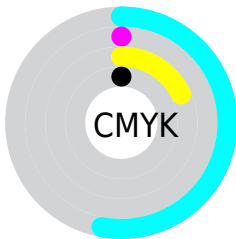
Distribution



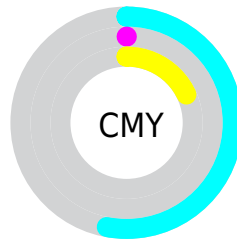
- Red (47%)
- Green (100%)
- Blue (82%)



- Red (47%)
- Yellow (79%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (53%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.3910, -0.1928, -78.3959 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 209.3910, -0.1928, -78.3959 by changing the saturation by 10% instead.

 209.3910, -0.1928,
-78.3959

 209.3910, -0.1928,
-78.3959

255.0000, 0.0000,
0.0000


 179.9070, 0.5388,
-79.7254


 232.5750, 11.0555,
-46.1083


 149.1560, 2.8811,
-84.3288


 241.5450, 6.6333,
-27.6650

 114.4960, 7.1505,
-100.4130

 250.8140, 2.0637,
-8.6069

 95.6830, 3.6073,
-83.9140

 77.0980, 0.9377,
-67.6149

 59.8010, -1.8739,
-52.4455

 42.7320, -3.8119,

-37.4760

■ 27.4240, -6.6180,
-24.0508

■ 7.0440, -3.4727,
-6.1776

■ 209.3910, -0.1928,
-78.3959

■ 209.3910, -0.1928,
-78.3959

■ 200.8900, -0.4388,
-92.8655

■ 218.1910, -0.0942,
-63.3115

■ 192.2040, -0.1006,
-108.0499

■ 226.5780, -0.2850,
-48.7419

■ 183.7030, -0.3466,
-122.5195

■ 235.0790, -0.0389,
-34.2723

■ 174.9030, -0.4452,
-137.6039

■ 243.8790, 0.0597,
-19.1879

■ 168.8370, -0.4126,
-148.0700

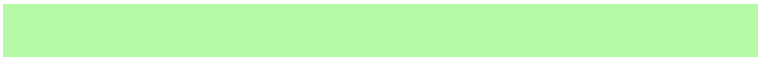
■ 252.5650, -0.2785,
-4.0035

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.



219.5050, -26.3780, -32.8919



209.3910, -0.1928, -78.3959



190.1170, 31.9873, -133.4066

Triad

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



209.3910, -0.1928, -78.3959



224.2120, 15.1785, -15.0949



215.8630, -25.5685, 34.3231

Complementary

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



209.3910, -0.1928, -78.3959



165.6090, 0.1928, 78.3959

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.



214.1940, -4.0396, 35.7869



209.3910, -0.1928, -78.3959



227.9980, 13.3120, 23.6808

Square

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



209.3910, -0.1928, -78.3959



208.4990, 22.9250, -73.2286



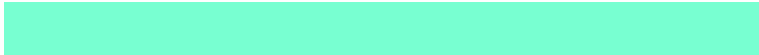
220.7260, 15.9111, 30.0583



222.5190, -40.6819, 28.4858

Rectangle

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



209.3910, -0.1928, -78.3959



178.1680, 37.8782, -156.2533



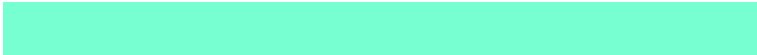
220.7260, 15.9111, 30.0583



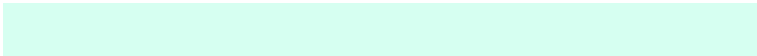
214.4100, -18.4431, 35.5974

Sweetspot

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



209.3910, -0.1928, -78.3959



241.1450, -0.0715, -23.8062



213.2980, -45.9959, -40.6033



119.4990, -0.2460, -14.4696



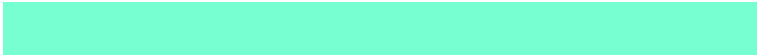
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



209.3910, -0.1928, -78.3959



199.8790, -0.4333, -94.6099



202.8950, 25.6878, -72.6989



123.5430, -0.2677, -7.4922



126.4810, -0.2371, -110.9238



42.3560, -0.1755, -37.1462

Inverse Universe

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



165.6090, 0.1928, 78.3959



147.0070, -0.0035, 94.7099



172.1050, -25.6878, 72.6989



119.3430, -0.1691, 7.5922



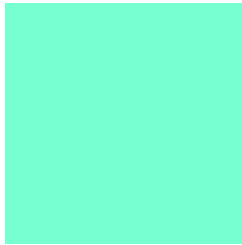
64.5190, 0.2371, 110.9238



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 209.3910, -0.1928, -78.3959 looks on a white background.

Color Contrast Check

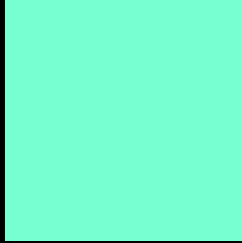
Large Text (above 18pt) WCAG AA × Fail

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 209.3910, -0.1928, -78.3959 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 209.3910, -0.1928, -78.3959

Background



This preview shows how black text looks on a background with the YUV color 209.3910, -0.1928, -78.3959.



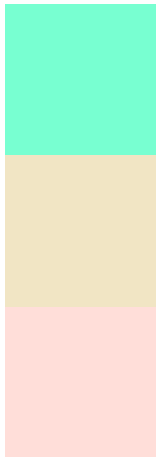
This preview shows how white text looks on a background with the YUV color 209.3910, -0.1928,

-78.3959.

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

209.3910, -0.1928, -78.3959

Protanopia

228.8260, -16.1832, 10.6766

Deuteranopia

231.2970, -7.0484, 20.7875



Tritanopia

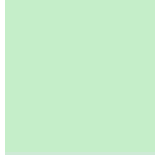
223.1610, 15.6966, -41.3602

Trichromacy



Original Color

209.3910, -0.1928, -78.3959



Protanomaly

221.5230, -10.1178, -21.5067



Deuteranomaly

223.3480, -4.6086, -15.2142



Tritanomaly

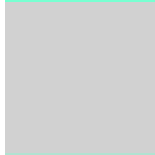
218.1780, 9.7722, -54.5301

Monochromacy



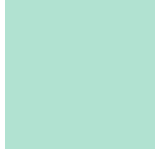
Original Color

209.3910, -0.1928, -78.3959



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.4110, -0.2026, -28.4244

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.3910, -0.1928, -78.3959 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(120, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(120, 255, 209)  
}
```

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(120, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 255, 209) }
```

Border

The CSS property to change the border of an element to YUV 209.3910, -0.1928, -78.3959 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(120, 255, 209) }
```


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

```
.border{ border-color:rgb(120, 255, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 255, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(120, 255,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 209.3910, -0.1928, -78.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 255, 209) }
```

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

```
.background{ background-color: rgb(120,  
255, 209) }
```

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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