

Converting Colors

YUV(209.8450, -8.7976,
-71.7781)

Have a look what the booklet for
YUV(209.8450, -8.7976, -71.7781)
contains.

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Color

**YUV(209.8450, -8.7976,
-71.7781)**

Conversions

Conversions Part 1

Format	Color
Hex	80FFC0
RGB	128, 255, 192
RGB Percent	50%, 100%, 75%
CMY	0.4980, 0.0000, 0.2471
CMYK	0.50, 0.00, 0.25, 0.00
HSL	150°, 100%, 75%
HSV	150°, 50%, 100%
XYZ	54.1765, 79.9150, 62.4389
YIQ	209.8450, -55.4690, -46.5170

Conversions

Conversions Part 2

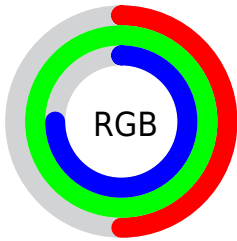
Format	Color
RYB	128, 212, 255
Decimal	8454080
CIELab	91.65, -49.43, 19.44
CIELCh	92, 53.112, 158.533
Yxy	79.9150, 0.2757, 0.4066
Android (android.graphics.Color)	4286644160 (0xFF80FFC0)
YUV	209.8450, -8.7976, -71.7781
Hunter-Lab	89.3952, -48.2645, 21.1650

Details

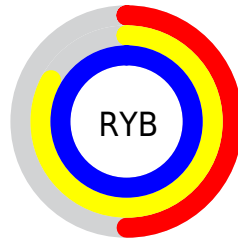
The YUV color **209.8450, -8.7976, -71.7781** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **173.1550, 8.7976, 71.7781**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9840, 7.4029, -41.2050**, and **151.1050, -6.4608, -74.6371** is the 20% darker color. If you saturate the color by 10%, you get **200.8880, -10.7908, -85.8478**, and if you desaturate by 10%, it is **219.1010, -6.9518, -57.0936**.

Distribution



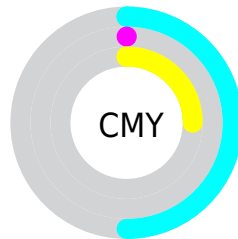
- Red (50%)
- Green (100%)
- Blue (75%)



- Red (50%)
- Yellow (83%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.8450, -8.7976, -71.7781 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 209.8450, -8.7976, -71.7781 by changing the saturation by 10% instead.


 209.8450, -8.7976,
-71.7781

 209.8450, -8.7976,
-71.7781


255.0000, 0.0000,
0.0000


 180.7740, -7.7766,
-72.5928


 233.9840, 7.4029,
-41.2050


 151.1050, -6.4608,
-74.6371


 243.6380, 5.6015,
-23.3615

 119.8480, -3.3761,
-84.0587

 252.6080, 1.1793,
-4.9182

 93.9730, -2.9447,
-82.4143

 75.3880, -5.6143,
-66.1153

 58.2050, -7.9891,
-51.0458

 41.0220, -10.3638,

-35.9763

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 209.8450, -8.7976,
-71.7781

■ 209.8450, -8.7976,
-71.7781

■ 200.8880,
-10.7908, -85.8478

■ 219.1010, -6.9518,
-57.0936

■ 191.7460,
-12.1998, -100.6322

■ 227.9440, -5.3954,
-42.9239

■ 182.4900,
-14.0456, -115.3167

■ 237.2000, -3.5496,
-28.2394

■ 173.5330,
-16.0388, -129.3864

■ 246.1570, -1.5564,
-14.1697

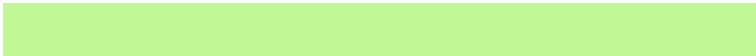
■ 164.3910,
-17.4478, -144.1709

255.0000, 0.0000,
0.0000

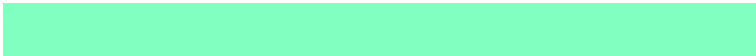
Harmonies

Analogous

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



219.9810, -34.9936, -22.7853



209.8450, -8.7976, -71.7781



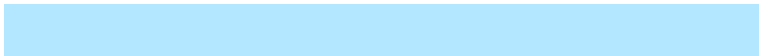
177.5010, 32.7840, -155.6684

Triad

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



209.8450, -8.7976, -71.7781



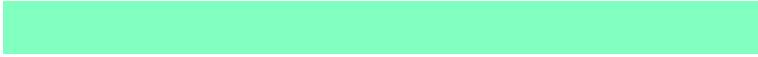
217.8890, 18.2957, -34.9827



211.8510, -20.6325, 37.8417

Complementary

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



209.8450, -8.7976, -71.7781



173.1550, 8.7976, 71.7781

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.



212.6270, 2.6489, 37.1611



209.8450, -8.7976, -71.7781



229.7590, 12.4438, 22.1364

Square

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



209.8450, -8.7976, -71.7781



193.5050, 30.3170, -110.9449



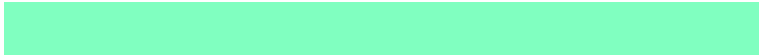
220.3670, 17.0741, 30.3731



217.9540, -40.4033, 32.4893

Rectangle

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



209.8450, -8.7976, -71.7781



178.7550, 37.5888, -156.7681



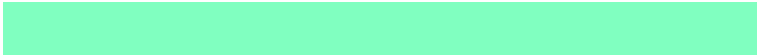
220.3670, 17.0741, 30.3731



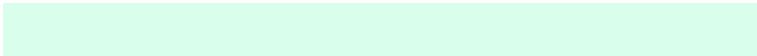
211.2130, -12.9230, 38.4012

Sweetspot

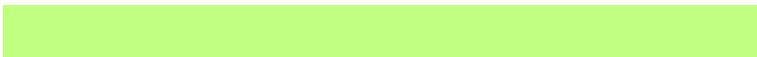
The Sweet Spot groups the original color and five complimentary colors.



209.8450, -8.7976, -71.7781



241.4720, -2.6977, -21.4619



221.6850, -46.1867, -26.0337



119.7550, -1.8512, -12.9401



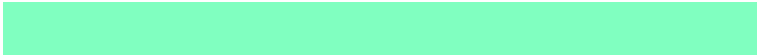
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



209.8450, -8.7976, -71.7781



200.5890, -10.6434, -86.4626



217.0270, 18.7207, -78.0767



123.3150, -1.1413, -7.2923



123.0610, -13.3411, -107.9245



41.2160, -4.5435, -36.1464

Inverse Universe

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



173.1550, 8.7976, 71.7781



156.4110, 10.6434, 86.4626



165.9730, -18.7207, 78.0767



119.5710, 0.7045, 7.3922



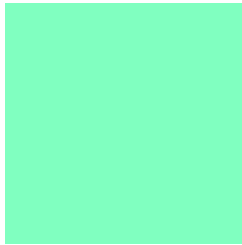
67.9390, 13.3411, 107.9245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 209.8450, -8.7976, -71.7781 looks on a white background.

Color Contrast Check

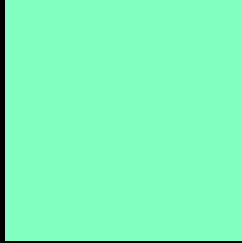
Large Text (above 18pt) WCAG AA × Fail

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 209.8450, -8.7976, -71.7781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

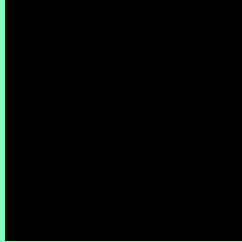
Any Text WCAG AA ✓ Pass

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 209.8450, -8.7976, -71.7781 Background



This preview shows how black text looks on a background with the YUV color 209.8450, -8.7976, -71.7781.



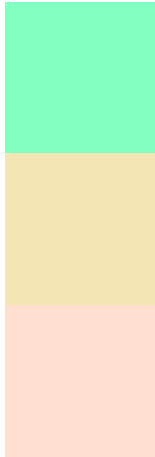
This preview shows how white text looks on a background with the YUV color 209.8450, -8.7976, -71.7781.

-71.7781.

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

209.8450, -8.7976, -71.7781

Protanopia

227.8990, -23.6142, 14.1206

Deuteranopia

230.7440, -11.7058, 21.2725



Tritanopia

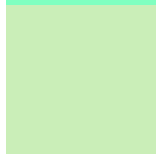
223.4600, 15.5492, -40.7454

Trichromacy



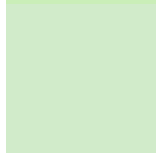
Original Color

209.8450, -8.7976, -71.7781



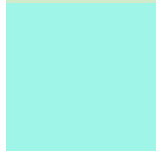
Protanomaly

221.0800, -18.2804, -16.7332



Deuteranomaly

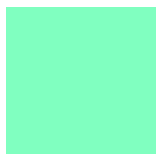
223.4640, -10.5818, -12.6849



Tritanomaly

218.3910, 6.7092, -52.0859

Monochromacy



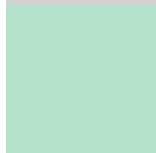
Original Color

209.8450, -8.7976, -71.7781



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.6240, -3.2656, -25.9802

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.8450, -8.7976, -71.7781 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(128, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 192)  
}
```

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(128, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 192) }
```

Border

The CSS property to change the border of an element to YUV 209.8450, -8.7976, -71.7781 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(128, 255, 192) }
```


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

```
.border{ border-color:rgb(128, 255, 192) }
```

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

Here you see how a box with a 4 pixel rgb(128, 255, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 209.8450, -8.7976, -71.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 192) }
```

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

```
.background{ background-color: rgb(128,  
255, 192) }
```

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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