

Converting Colors

YUV(202.4210, -9.0816,
-74.0372)

Have a look what the booklet for
YUV(202.4210, -9.0816, -74.0372)
contains.

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Color

**YUV(202.4210, -9.0816,
-74.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	76F9B8
RGB	118, 249, 184
RGB Percent	46%, 98%, 72%
CMY	0.5373, 0.0235, 0.2784
CMYK	0.53, 0.00, 0.26, 0.02
HSL	150°, 92%, 72%
HSV	150°, 53%, 98%
XYZ	49.9986, 75.0636, 57.2009
YIQ	202.4210, -57.2110, -47.9870

Conversions

Conversions Part 2

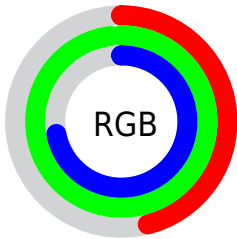
Format	Color
RYB	118, 205, 249
Decimal	7797176
CIELab	89.42, -50.78, 20.39
CIElCh	89, 54.724, 158.129
Yxy	75.0636, 0.2743, 0.4118
Android (android.graphics.Color)	4285987256 (0xFF76F9B8)
YUV	202.4210, -9.0816, -74.0372
Hunter-Lab	86.6393, -48.6082, 21.5031

Details

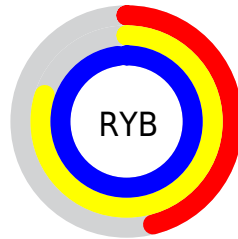
The YUV color **202.4210, -9.0816, -74.0372** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **164.5790, 9.0816, 74.0372**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.2670, 4.7984, -45.8382**, and **143.4850, -6.1551, -79.3553** is the 20% darker color. If you saturate the color by 10%, you get **193.5780, -10.6380, -88.2069**, and if you desaturate by 10%, it is **211.2640, -7.5252, -59.8675**.

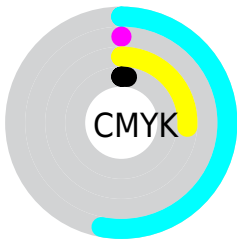
Distribution



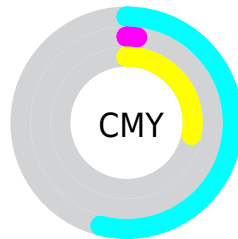
- Red (46%)
- Green (98%)
- Blue (72%)



- Red (46%)
- Yellow (80%)
- Blue (98%)



- Cyan (53%)
- Magenta (0%)
- Yellow (26%)
- Black (2%)





- Cyan (54%)
- Magenta (2%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 202.4210, -9.0816, -74.0372 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 202.4210, -9.0816, -74.0372 by changing the saturation by 10% instead.

 202.4210, -9.0816,
-74.0372

 202.4210, -9.0816,
-74.0372

255.0000, 0.0000,
0.0000


 173.0510, -7.9131,
-75.4667


 230.2670, 4.7984,
-45.8382


 143.4850, -6.1551,
-79.3553


 240.6480, 7.0755,
-29.5093

 108.2380, -1.5963,
-94.9247

 249.9170, 2.5059,
-10.4512

 89.6530, -4.2659,
-78.6257

 71.7690, -6.7881,
-62.9414

 53.8850, -9.3103,
-47.2571

 37.4030, -11.5377,

-32.8024

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 202.4210, -9.0816,
-74.0372

■ 202.4210, -9.0816,
-74.0372

■ 193.5780,
-10.6380, -88.2069

■ 211.2640, -7.5252,
-59.8675

■ 184.6210,
-12.6312, -102.2766

■ 220.2210, -5.5320,
-45.7978

■ 175.7780,
-14.1876, -116.4463

■ 229.0640, -3.9756,
-31.6281

■ 166.9350,
-15.7440, -130.6160

■ 237.9070, -2.4192,
-17.4584

■ 160.4130,
-17.4586, -140.6822

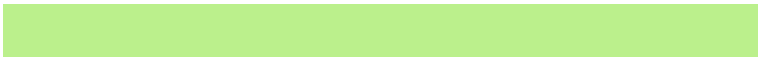
■ 246.8640, -0.4260,
-3.3887

■ 251.4780, 1.7363,
3.0888

Harmonies

Analogous

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



212.7530, -35.8672, -22.5854



202.4210, -9.0816, -74.0372



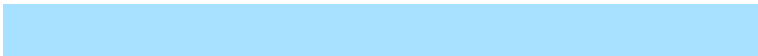
175.0560, 31.0314, -153.5241

Triad

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



202.4210, -9.0816, -74.0372



211.0780, 21.6535, -38.6564



206.9440, -21.6644, 42.1451

Complementary

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



202.4210, -9.0816, -74.0372



164.5790, 9.0816, 74.0372

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.



207.2470, 2.3432, 41.8794



202.4210, -9.0816, -74.0372



224.1440, 15.2120, 20.9217

Square

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



202.4210, -9.0816, -74.0372



176.8160, 38.5447, -136.6506



215.6710, 19.3892, 34.4915



212.9330, -41.8720, 36.8928

Rectangle

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



202.4210, -9.0816, -74.0372



176.4070, 38.7463, -154.7089



215.6710, 19.3892, 34.4915



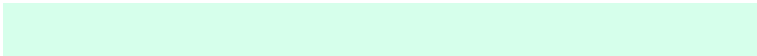
205.7190, -13.6655, 43.2194

Sweetspot

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



202.4210, -9.0816, -74.0372



240.4610, -2.6923, -23.2063



214.6310, -47.6391, -26.8634



119.0430, -1.9932, -14.0697



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.



202.4210, -9.0816, -74.0372



197.7410, -11.2113, -90.9809



209.8310, 19.3103, -80.5358



120.4290, -0.7045, -7.3922



121.7730, -13.1991, -106.7949



39.3410, -4.1121, -34.5021

Inverse Universe

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



164.5790, 9.0816, 74.0372



151.2590, 11.2113, 90.9809



157.1690, -19.3103, 80.5358



116.6850, 1.1413, 7.2923



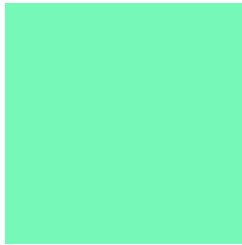
67.2270, 13.1991, 106.7949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 202.4210, -9.0816, -74.0372 looks on a white background.

Color Contrast Check

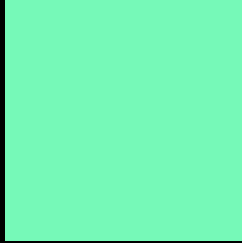
Large Text (above 18pt) WCAG AA × Fail

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 202.4210, -9.0816, -74.0372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

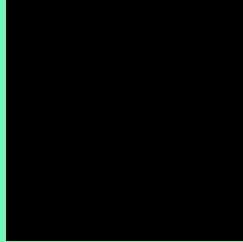
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 202.4210, -9.0816, -74.0372

Background



This preview shows how black text looks on a background with the YUV color 202.4210, -9.0816, -74.0372.



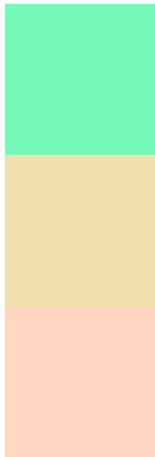
This preview shows how white text looks on a background with the YUV color 202.4210, -9.0816,

-74.0372.

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

202.4210, -9.0816, -74.0372

Protanopia

221.6710, -24.4878, 14.3205

Deuteranopia

224.4520, -15.5058, 26.7906



Tritanopia

213.9250, 20.2500, -55.1852

Trichromacy



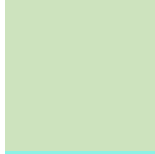
Original Color

202.4210, -9.0816, -74.0372



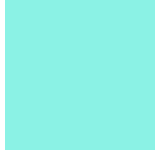
Protanomaly

214.2540, -18.8592, -17.7628



Deuteranomaly

216.2040, -12.9186, -9.8259



Tritanomaly

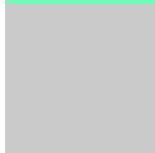
209.7210, 9.5045, -62.0223

Monochromacy



Original Color

202.4210, -9.0816, -74.0372



Achromatopsia

202.0000, 0.0000, 0.0000



Achromatomaly

201.9120, -3.4076, -27.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.4210, -9.0816, -74.0372 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(118, 249, 184)` looks like.

```
.text, #text, p{  
    color:rgb(118, 249, 184)  
}
```

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(118, 249, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 249, 184) }
```

Border

The CSS property to change the border of an element to YUV 202.4210, -9.0816, -74.0372 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(118, 249, 184) }
```


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

```
.border{ border-color:rgb(118, 249, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 249, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 249, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 249, 184);  
box-shadow:4px 4px 4px 4px rgb(118, 249,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 202.4210, -9.0816, -74.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 249, 184) }
```

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

```
.background{ background-color: rgb(118,  
249, 184) }
```

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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