

Converting Colors

YUV(209.9440, -12.2974,
-69.2339)

Have a look what the booklet for
YUV(209.9440, -12.2974, -69.2339)
contains.

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Color

**YUV(209.9440, -12.2974,
-69.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	83FFB9
RGB	131, 255, 185
RGB Percent	51%, 100%, 73%
CMY	0.4863, 0.0000, 0.2745
CMYK	0.49, 0.00, 0.27, 0.00
HSL	146°, 100%, 76%
HSV	146°, 49%, 100%
XYZ	53.8770, 79.8481, 58.4715
YIQ	209.9440, -51.4340, -48.0580

Conversions

Conversions Part 2

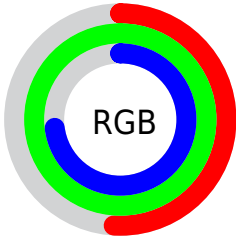
Format	Color
RYB	131, 217, 255
Decimal	8650681
CIELab	91.62, -50.06, 22.98
CIELCh	92, 55.087, 155.342
Yxy	79.8481, 0.2803, 0.4154
Android (android.graphics.Color)	4286840761 (0xFF83FFB9)
YUV	209.9440, -12.2974, -69.2339
Hunter-Lab	89.3578, -48.7519, 23.7538

Details

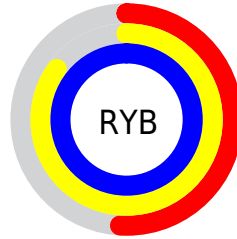
The YUV color **209.9440, -12.2974, -69.2339** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **176.0560, 12.2974, 69.2339**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.9690, 3.4663, -38.5608**, and **151.6170, -9.6712, -71.5781** is the 20% darker color. If you saturate the color by 10%, you get **200.8730, -14.7274, -83.2036**, and if you desaturate by 10%, it is **219.0150, -9.8674, -55.2642**.

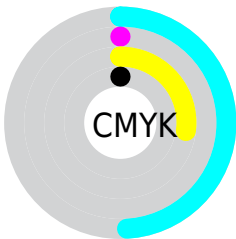
Distribution



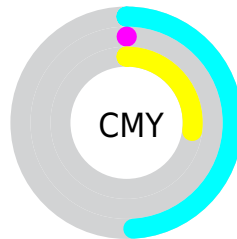
- Red (51%)
- Green (100%)
- Blue (73%)



- Red (51%)
- Yellow (85%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.9440, -12.2974, -69.2339 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 209.9440, -12.2974, -69.2339 by changing the saturation by 10% instead.

■ 209.9440,
-12.2974, -69.2339

■ 209.9440,
-12.2974, -69.2339

■ 255.0000, 0.0000,
0.0000

■ 180.8730,
-11.2764, -70.0486

■ 233.9690, 3.4663,
-38.5608

■ 151.6170, -9.6712,
-71.5781

■ 244.5350, 5.1592,
-21.5172

■ 121.4420, -7.6129,
-78.4406

■ 253.5050, 0.7370,
-3.0739

■ 92.7020, -5.2761,
-81.2997

■ 74.7040, -8.2351,
-65.5154

■ 56.8200, -10.7573,
-49.8311

■ 40.2240, -13.4214,

-35.2764

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 209.9440,
-12.2974, -69.2339

■ 209.9440,
-12.2974, -69.2339

■ 200.8730,
-14.7274, -83.2036

■ 219.0150, -9.8674,
-55.2642

■ 191.3890,
-17.4468, -97.6882

■ 228.4990, -7.1480,
-40.7796

■ 182.3180,
-19.8768, -111.6579

■ 237.8690, -4.8654,
-26.1951

■ 172.8340,
-22.5962, -126.1424

■ 247.0540, -1.9986,
-12.3254

■ 163.7630, 255.0000, 0.0000,
-25.0262, -140.1122 0.0000

■ 162.3390,
-25.3101, -142.3713

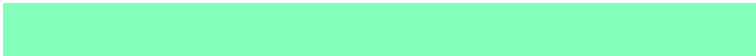
Harmonies

Analogous

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



220.0910, -38.4989, -18.4968



209.9440, -12.2974, -69.2339



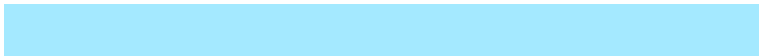
176.9310, 30.6000, -155.1685

Triad

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



209.9440, -12.2974, -69.2339



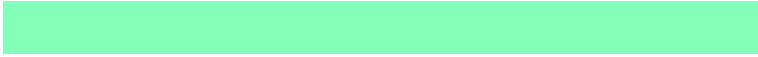
214.8770, 19.7806, -44.6191



210.3180, -18.8908, 39.1861

Complementary

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



209.9440, -12.2974, -69.2339



176.0560, 12.2974, 69.2339

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.



212.0230, 5.4117, 37.6908



209.9440, -12.2974, -69.2339



229.1390, 12.7495, 17.4181

Square

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



209.9440, -12.2974, -69.2339



174.6460, 39.6145, -153.1645



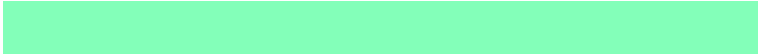
220.3670, 17.0741, 30.3731



216.0790, -39.9719, 34.1337

Rectangle

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



209.9440, -12.2974, -69.2339



178.7550, 37.5888, -156.7681



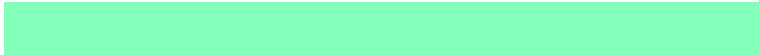
220.3670, 17.0741, 30.3731



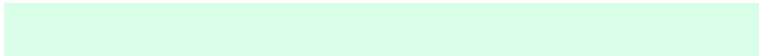
209.7940, -10.7444, 39.6457

Sweetspot

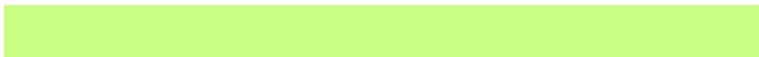
The Sweet Spot groups the original color and five complimentary colors.



209.9440, -12.2974, -69.2339



241.1300, -4.0081, -21.1620



224.7180, -46.2030, -20.8007



119.6410, -2.2880, -12.8402



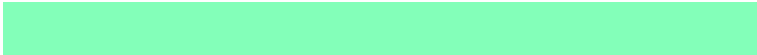
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



209.9440, -12.2974, -69.2339



201.2860, -14.4380, -82.6888



217.0120, 14.7841, -75.4325



123.2010, -1.5781, -7.1923



121.5790, -19.0194, -106.6248



40.7600, -6.2907, -35.7465

Inverse Universe

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



176.0560, 12.2974, 69.2339



160.8280, 14.8748, 82.5888



168.9880, -14.7841, 75.4325



119.6850, 1.1413, 7.2923



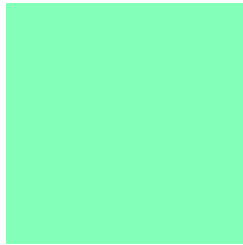
69.4210, 19.0194, 106.6248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 209.9440, -12.2974, -69.2339 looks on a white background.

Color Contrast Check

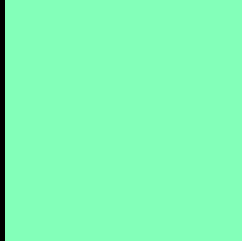
Large Text (above 18pt) WCAG AA × Fail

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 209.9440, -12.2974, -69.2339 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 209.9440, -12.2974, -69.2339 Background



This preview shows how black text looks on a background with the YUV color 209.9440, -12.2974, -69.2339.



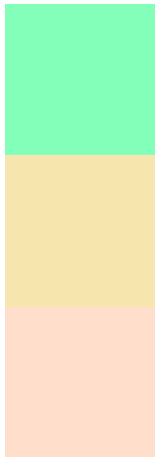
This preview shows how white text looks on a background with the YUV color 209.9440, -12.2974, -69.2339.

-69.2339.

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

209.9440, -12.2974, -69.2339

Protanopia

227.6990, -26.9666, 16.0500

Deuteranopia

230.4020, -13.0162, 21.5724



Tritanopia

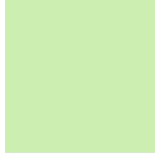
223.1720, 15.6912, -39.6158

Trichromacy



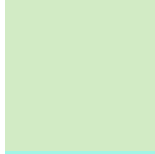
Original Color

209.9440, -12.2974, -69.2339



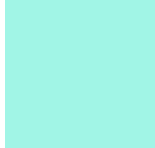
Protanomaly

220.8800, -21.6328, -14.8038



Deuteranomaly

223.1930, -12.9131, -11.5703



Tritanomaly

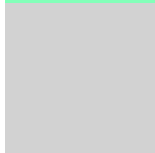
218.1740, 5.8302, -50.1416

Monochromacy



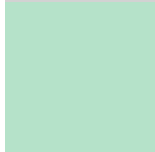
Original Color

209.9440, -12.2974, -69.2339



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.6950, -4.2866, -25.1655

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.9440, -12.2974, -69.2339 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(131, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(131, 255, 185)  
}
```

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(131, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 255, 185) }
```

Border

The CSS property to change the border of an element to YUV 209.9440, -12.2974, -69.2339 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(131, 255, 185) }
```


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

```
.border{ border-color:rgb(131, 255, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 255, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(131, 255,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 209.9440, -12.2974, -69.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 255, 185) }
```

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

```
.background{ background-color: rgb(131,  
255, 185) }
```

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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