

Converting Colors

YUV(212.9170, 5.4639,
-72.7182)

Have a look what the booklet for
YUV(212.9170, 5.4639, -72.7182)
contains.

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Color

**YUV(212.9170, 5.4639,
-72.7182)**

Conversions

Conversions Part 1

Format	Color
Hex	82FDE0
RGB	130, 253, 224
RGB Percent	51%, 99%, 88%
CMY	0.4902, 0.0078, 0.1216
CMYK	0.49, 0.00, 0.11, 0.01
HSL	166°, 97%, 75%
HSV	166°, 49%, 99%
XYZ	57.7857, 80.3782, 82.9899
YIQ	212.9170, -63.9990, -35.0950

Conversions

Conversions Part 2

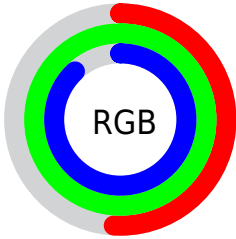
Format	Color
RYB	130, 200, 253
Decimal	8584672
CIELab	91.85, -41.31, 3.26
CIElCh	92, 41.442, 175.483
Yxy	80.3782, 0.2613, 0.3634
Android (android.graphics.Color)	4286774752 (0xFF82FDE0)
YUV	212.9170, 5.4639, -72.7182
Hunter-Lab	89.6539, -41.8435, 7.8747

Details

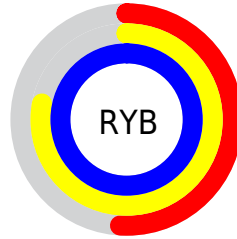
The YUV color **212.9170, 5.4639, -72.7182** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **170.0830, -5.4639, 72.7182**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.2660, 9.7289, -40.5753**, and **154.6500, 7.0746, -75.9920** is the 20% darker color. If you saturate the color by 10%, you get **204.7580, 6.5283, -87.4878**, and if you desaturate by 10%, it is **221.0760, 4.3995, -57.9487**.

Distribution



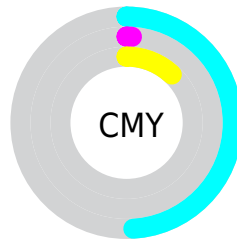
- Red (51%)
- Green (99%)
- Blue (88%)



- Red (51%)
- Yellow (78%)
- Blue (99%)



- Cyan (49%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)





- Cyan (49%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9170, 5.4639, -72.7182 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 212.9170, 5.4639, -72.7182 by changing the saturation by 10% instead.

 212.9170, 5.4639,
-72.7182


 212.9170, 5.4639,
-72.7182

255.0000, 0.0000,
0.0000


 183.7320, 6.0481,
-73.4330


 235.2660, 9.7289,
-40.5753


 154.6500, 7.0746,
-75.9920


 244.2360, 5.3067,
-22.1320

 122.8770, 9.4276,
-84.0841

 253.5050, 0.7370,
-3.0739

 96.1050, 10.3012,
-84.2841

 77.9930, 6.9055,
-68.3999

 60.6960, 4.0939,
-53.2304

 43.5130, 1.7191,

-38.1609

■ 28.2050, -1.0871,
-24.7358

■ 7.6310, -3.7621,
-6.6924

■ 212.9170, 5.4639,
-72.7182

■ 212.9170, 5.4639,
-72.7182

■ 204.7580, 6.5283,
-87.4878

■ 221.0760, 4.3995,
-57.9487

■ 196.3000, 7.7401,
-102.8721

■ 229.5340, 3.1877,
-42.5643

■ 188.1410, 8.8045,
-117.6417

■ 237.6930, 2.1234,
-27.7948

■ 179.9820, 9.8689,
-132.4112

■ 245.8520, 1.0590,
-13.0252

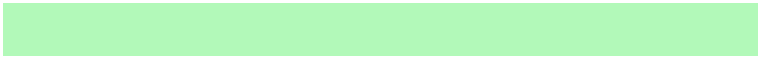
■ 171.5240, 11.0807, 253.7120, 0.1420,
-147.7955 1.1296

■ 170.5130, 11.0861, 253.8260, 0.5788,
-149.5399 1.0296

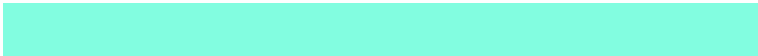
Harmonies

Analogous

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



220.4750, -17.4892, -37.2506



212.9170, 5.4639, -72.7182



205.9860, 24.1639, -97.3347

Triad

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



212.9170, 5.4639, -72.7182



229.0290, 12.8037, -0.0254



220.9010, -26.5732, 29.9048

Complementary

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



212.9170, 5.4639, -72.7182



170.0830, -5.4639, 72.7182

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.



218.6790, -9.7017, 31.8535



212.9170, 5.4639, -72.7182



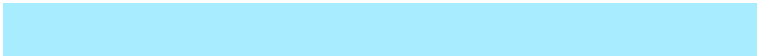
228.5850, 13.0226, 23.1660

Square

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



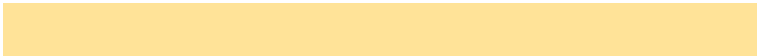
212.9170, 5.4639, -72.7182



218.4210, 18.0334, -44.2192



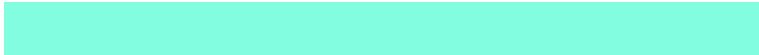
222.0650, 8.3490, 28.8840



226.8220, -36.8872, 24.7121

Rectangle

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



212.9170, 5.4639, -72.7182



205.4210, 24.4424, -93.3312



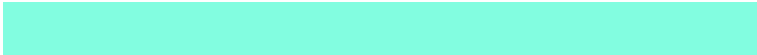
222.0650, 8.3490, 28.8840



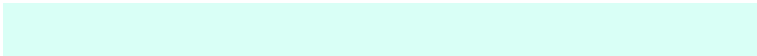
219.6930, -21.0476, 30.9642

Sweetspot

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



212.9170, 5.4639, -72.7182



242.6120, 1.6703, -22.4617



211.4700, -40.1647, -44.2622



120.4390, 0.7696, -13.5400



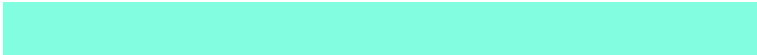
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



212.9170, 5.4639, -72.7182



206.7580, 6.5283, -87.4878



198.0260, 27.1022, -59.6588



123.6570, 0.1691, -7.5922



128.7610, 8.4988, -112.9234



43.1540, 2.8821, -37.8461

Inverse Universe

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



170.0830, -5.4639, 72.7182



155.2420, -6.5283, 87.4878



184.9740, -27.1022, 59.6588



119.2290, -0.6059, 7.6922



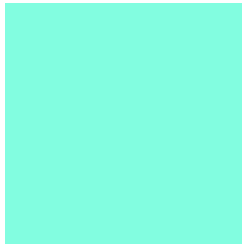
62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 212.9170, 5.4639, -72.7182 looks on a white background.

Color Contrast Check

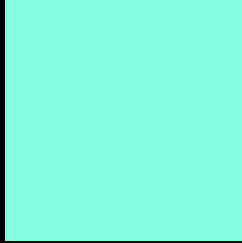
Large Text (above 18pt) WCAG AA × Fail

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 212.9170, 5.4639, -72.7182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

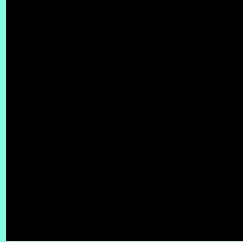
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

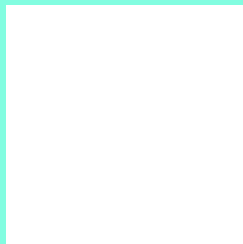
Any Text WCAG AAA ✓ Pass

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

YUV 212.9170, 5.4639, -72.7182 Background



This preview shows how black text looks on a background with the YUV color 212.9170, 5.4639, -72.7182.



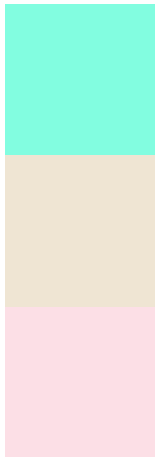
This preview shows how white text looks on a background with the YUV color 212.9170, 5.4639, -72.7182.

-72.7182.

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

212.9170, 5.4639, -72.7182

Protanopia

229.9380, -9.3364, 7.9474

Deuteranopia

232.4690, -1.2172, 17.1287



Tritanopia

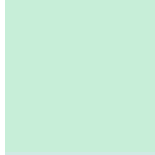
223.7590, 15.4018, -40.1306

Trichromacy



Original Color

212.9170, 5.4639, -72.7182



Protanomaly

223.8310, -3.8607, -21.7768



Deuteranomaly

225.5420, 1.2118, -15.3843



Tritanomaly

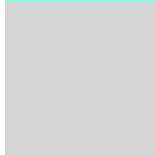
219.7700, 11.9454, -51.5413

Monochromacy



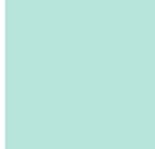
Original Color

212.9170, 5.4639, -72.7182



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.2910, 1.8285, -26.5652

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9170, 5.4639, -72.7182 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(130, 253, 224)` looks like.

```
.text, #text, p{  
    color:rgb(130, 253, 224)  
}
```

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(130, 253, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 253, 224) }
```

Border

The CSS property to change the border of an element to YUV 212.9170, 5.4639, -72.7182 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(130, 253, 224) }
```


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

```
.border{ border-color:rgb(130, 253, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 253, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 253, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 253, 224); box-shadow:4px 4px 4px 4px rgb(130, 253, 224) }
```

Background

The CSS property to change the background color of an element to YUV 212.9170, 5.4639, -72.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 253, 224) }
```

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

```
.background{ background-color: rgb(130,  
253, 224) }
```

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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