

# Converting Colors

YUV(221.1180, -5.9742,  
-43.9535)

Have a look what the booklet for  
YUV(221.1180, -5.9742, -43.9535)  
contains.

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# Color

**YUV(221.1180, -5.9742,  
-43.9535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABF9D1
RGB	171, 249, 209
RGB Percent	67%, 98%, 82%
CMY	0.3294, 0.0235, 0.1804
CMYK	0.31, 0.00, 0.16, 0.02
HSL	149°, 87%, 82%
HSV	149°, 31%, 98%
XYZ	62.1789, 81.0127, 72.6815
YIQ	221.1180, -33.6480, -28.9760

# Conversions

## Conversions Part 2

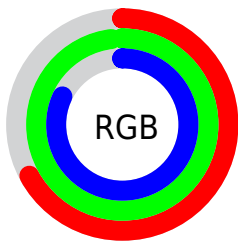
Format	Color
<a href="#">RYB</a>	<a href="#">171, 223, 249</a>
Decimal	<a href="#">11270609</a>
CIELab	<a href="#">92.14, -32.06, 11.65</a>
CIELCh	<a href="#">92, 34.113, 160.025</a>
Yxy	<a href="#">81.0127, 0.2880, 0.3753</a>
Android (android.graphics.Color)	<a href="#">4289460689 (0xFFABF9D1)</a>
YUV	<a href="#">221.1180, -5.9742, -43.9535</a>
Hunter-Lab	<a href="#">90.0071, -34.2006, 15.1278</a>

# Details

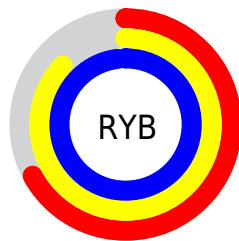
The YUV color **221.1180, -5.9742, -43.9535** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **198.8820, 5.9742, 43.9535**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.9270, 3.9800, -16.5990**, and **165.0580, -4.9586, -43.0239** is the 20% darker color. If you saturate the color by 10%, you get **212.1610, -7.9674, -58.0232**, and if you desaturate by 10%, it is **230.0750, -3.9810, -29.8838**.

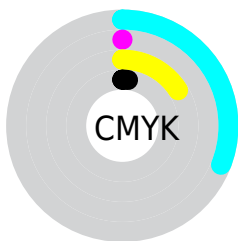
# Distribution



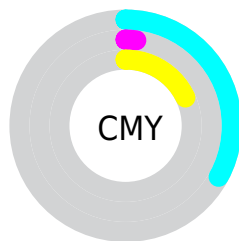
- Red (67%)
- Green (98%)
- Blue (82%)



- Red (67%)
- Yellow (87%)
- Blue (98%)



- Cyan (31%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)




- Cyan (33%)
- Magenta (2%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 221.1180, -5.9742, -43.9535 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 221.1180, -5.9742, -43.9535 by changing the saturation by 10% instead.



 221.1180, -5.9742,  
-43.9535

 221.1180, -5.9742,  
-43.9535

255.0000, 0.0000,  
0.0000


 192.5310, -5.6848,  
-43.4387


 246.9270, 3.9800,  
-16.5990

 165.0580, -4.9586,  
-43.0239

 138.1720, -4.5218,  
-43.1238

 111.5850, -4.2324,  
-42.6090

 85.2150, -3.0640,  
-44.0386

 57.4530, -0.7163,  
-50.3863

 41.5580, -3.2331,

-36.4464

■ 25.6630, -5.7499,  
-22.5065

■ 8.2180, -4.0515,  
-7.2072

■ 221.1180, -5.9742,  
-43.9535

■ 221.1180, -5.9742,  
-43.9535

■ 212.1610, -7.9674,  
-58.0232

■ 230.0750, -3.9810,  
-29.8838

■ 203.2040, -9.9606,  
-72.0929

■ 239.0320, -1.9878,  
-15.8141

■ 194.3610,  
-11.5170, -86.2626

■ 247.8750, -0.4314,  
-1.6444

■ 185.4040,  
-13.5102, -100.3323

■ 251.4780, 1.7363,  
3.0888

■ 176.7460,  
-15.6508, -113.7872

■ 167.7890,  
-17.6440, -127.8570

■ 159.9570,  
-19.2058, -140.2823

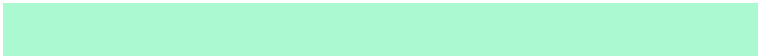
# Harmonies

## Analogous

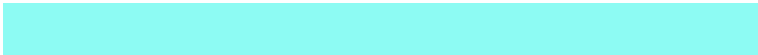
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.7660, -22.0696, -14.7038



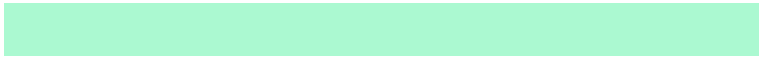
221.1180, -5.9742, -43.9535



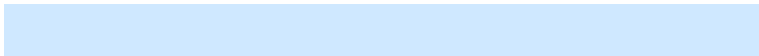
217.1980, 12.7204, -66.8256

# Triad

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



221.1180, -5.9742, -43.9535



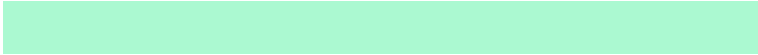
227.1470, 13.7315, -17.6689



223.1640, -15.3639, 27.9202

# Complementary

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



221.1180, -5.9742, -43.9535



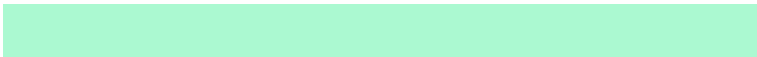
198.8820, 5.9742, 43.9535

# 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.



223.6490, -0.8130, 27.4948



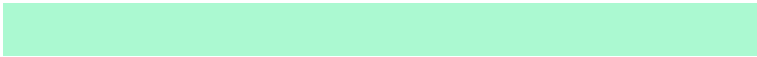
221.1180, -5.9742, -43.9535



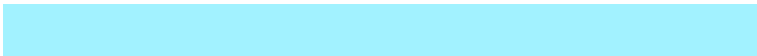
233.2590, 10.7183, 15.5589

# Square

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



221.1180, -5.9742, -43.9535



219.5620, 17.4709, -50.4819



229.1720, 12.7332, 22.6512

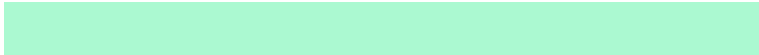


226.7540, -26.9937, 24.7717



# Rectangle

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



221.1180, -5.9742, -43.9535



215.5870, 19.4306, -72.4288



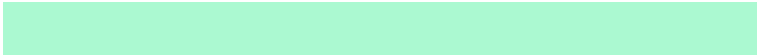
229.1720, 12.7332, 22.6512



223.0160, -10.8539, 28.0500

# Sweetspot

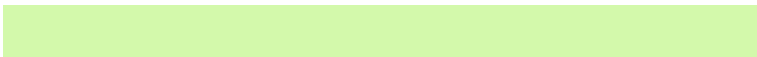
The Sweet Spot groups the original color and five complimentary colors.



221.1180, -5.9742, -43.9535



246.7550, -1.8512, -12.9401



228.7460, -28.4688, -15.5632



122.6030, -1.2833, -8.4218



0.0000, 0.0000, 0.0000

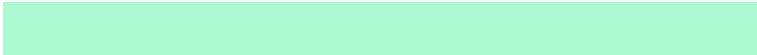


128.0000, 0.0000, 0.0000

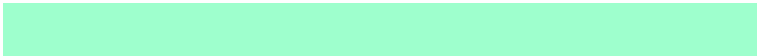


# Same Dimension

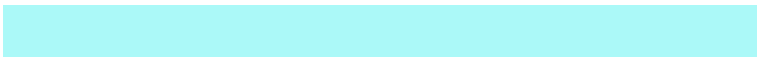
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.1180, -5.9742, -43.9535



220.2970, -7.5414, -54.6345



225.5640, 11.0609, -47.8526



120.4290, -0.7045, -7.3922



121.4310, -14.5095, -106.4950



39.2270, -4.5489, -34.4021



# Inverse Universe

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



198.8820, 5.9742, 43.9535



192.7030, 7.5414, 54.6345



194.4360, -11.0609, 47.8526



116.6850, 1.1413, 7.2923



67.5690, 14.5095, 106.4950

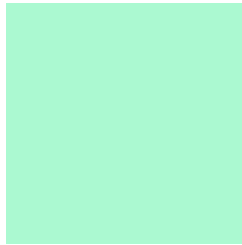


21.7730, 4.5489, 34.4021



# Previews

## White Background



This preview shows how the YUV color 221.1180, -5.9742, -43.9535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

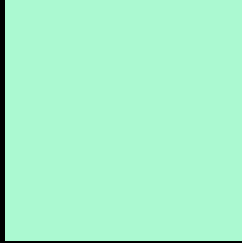
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 221.1180, -5.9742, -43.9535 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

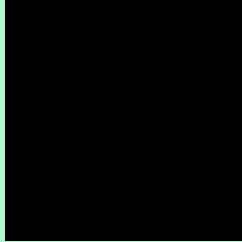
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

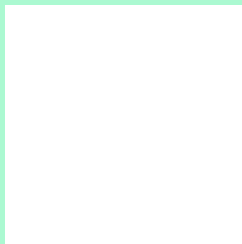
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 221.1180, -5.9742, -43.9535

## Background



This preview shows how black text looks on a background with the YUV color 221.1180, -5.9742, -43.9535.



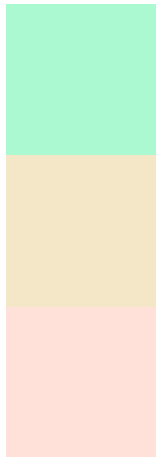
This preview shows how white text looks on a background with the YUV color 221.1180, -5.9742, -43.9535.

-43.9535.

# 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

221.1180, -5.9742, -43.9535

### Protanopia

231.0540, -15.3096, 10.4766

### Deuteranopia

233.1720, -7.4798, 19.1432



## Tritanopia

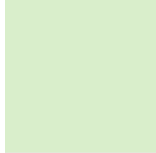
227.9560, 13.3327, -29.7794

# Trichromacy



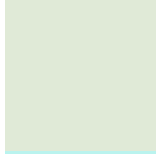
## Original Color

221.1180, -5.9742, -43.9535



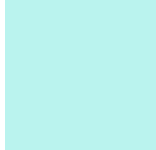
## Protanomaly

227.7310, -12.1924, -9.4111



## Deuteranomaly

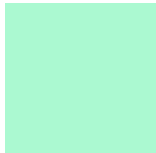
228.8440, -6.8251, -4.2482



## Tritanomaly

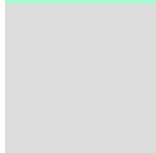
225.3870, 6.2182, -34.5424

# Monochromacy



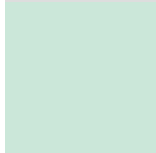
## Original Color

221.1180, -5.9742, -43.9535



## Achromatopsia

221.0000, 0.0000, 0.0000



## Achromatomaly

221.0320, -1.9878, -15.8141

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 221.1180, -5.9742, -43.9535 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(171, 249, 209)` looks like.

```
.text, #text, p{  
    color:rgb(171, 249, 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(171, 249, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 249, 209) }
```

## Border

The CSS property to change the border of an element to YUV 221.1180, -5.9742, -43.9535 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(171, 249, 209) }
```



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

```
.border{ border-color:rgb(171, 249, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 249, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 249, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 249, 209);  
box-shadow:4px 4px 4px 4px rgb(171, 249,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 221.1180, -5.9742, -43.9535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 249, 209) }
```

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

```
.background{ background-color: rgb(171,  
249, 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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