

# Converting Colors

YIQ(219.6860, -50.1070,  
-33.5550)

Have a look what the booklet for  
YIQ(219.6860, -50.1070, -33.5550)  
contains.

|  |    |
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# Color

**YIQ(219.6860, -50.1070,  
-33.5550)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 97FFDA                       |
| RGB         | 151, 255, 218                |
| RGB Percent | 59%, 100%, 85%               |
| CMY         | 0.4081, 0.0000, 0.1453       |
| CMYK        | 0.41, 0.00, 0.15, 0.00       |
| HSL         | 159°, 100%, 80%              |
| HSV         | 159°, 41%, 100%              |
| XYZ         | 61.1589, 83.1524, 79.1265    |
| YIQ         | 219.6860, -50.1070, -33.5550 |

# Conversions

## Conversions Part 2

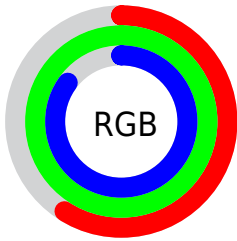
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">151, 214, 255</a>               |
| Decimal                             | <a href="#">9961434</a>                     |
| CIELab                              | <a href="#">93.08, -38.52, 8.26</a>         |
| CIELCh                              | <a href="#">93, 39.391, 167.896</a>         |
| Yxy                                 | <a href="#">83.1524, 0.2737, 0.3722</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288151514<br/>(0xFF97FFDA)</a> |
| YUV                                 | <a href="#">219.6860, -0.8312, -60.2376</a> |
| Hunter-Lab                          | <a href="#">91.1879, -39.8606, 12.3838</a>  |

# Details

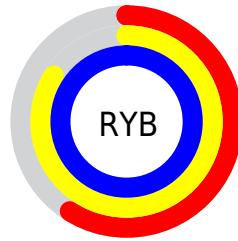
The YIQ color **219.6860, -50.1070, -33.5550** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **186.3140, 50.1070, 33.5550**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, -27.4160, -9.7520**, and **162.9140, -50.7490, -32.9330** is the 20% darker color. If you saturate the color by 10%, you get **210.8860, -62.7140, -41.8660**, and if you desaturate by 10%, it is **228.1870, -38.0960, -25.4560**.

# Distribution



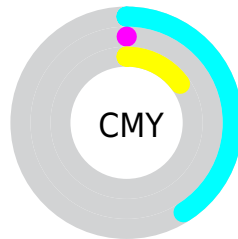
- Red (59%)
- Green (100%)
- Blue (85%)



- Red (59%)
- Yellow (84%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (41%)
- Magenta (0%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 219.6860, -50.1070, -33.5550 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 YIQ color 219.6860, -50.1070, -33.5550 by changing the saturation by 10% instead.





 219.6860,  
-50.1070, -33.5550


 219.6860,  
-50.1070, -33.5550


255.0000, -0.0000,  
-0.0000


 190.8000,  
-50.4280, -33.2440


 241.2460,  
-27.4160, -9.7520


 162.9140,  
-50.7490, -32.9330

 249.9170,  
-10.1320, -3.6040

 134.5440,  
-52.5830, -32.7350

 105.2660,  
-57.6720, -34.1200

 78.5970, -60.1020,  
-34.1340

 61.3000, -45.8440,  
-28.2120

 44.1170, -31.9070,

-21.9790

■ 28.8090, -19.1160,  
-17.0040

■ 11.1530, -5.2250,  
-9.9370

■ 219.6860,  
-50.1070, -33.5550

■ 219.6860,  
-50.1070, -33.5550

■ 210.8860,  
-62.7140, -41.8660

■ 228.1870,  
-38.0960, -25.4560

■ 202.3850,  
-74.7250, -49.9650

■ 236.9870,  
-25.4890, -17.1450

■ 193.5850,  
-87.3320, -58.2760

■ 245.4880,  
-13.4780, -9.0460

■ 185.0840,  
-99.3430, -66.3750

■ 254.2880, -0.8710,  
-0.7350

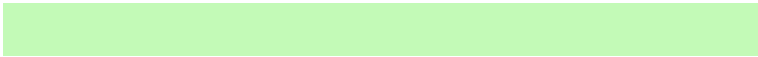
■ 176.2840, 255.0000, -0.0000,  
-111.9500, -74.6860 -0.0000

■ 168.3810,  
-122.7690, -82.3610

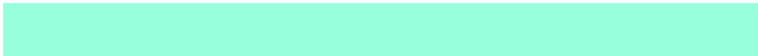
# Harmonies

## Analogous

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



225.9170, -11.2730, -32.4970



219.6860, -50.1070, -33.5550



213.4390, -82.8440, -29.4680

# Triad

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



219.6860, -50.1070, -33.5550



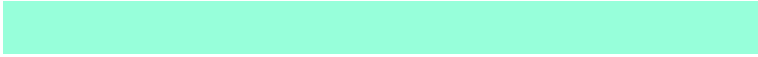
230.1480, -14.8560, 4.9200



222.9700, 35.0750, -2.4050

# Complementary

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



219.6860, -50.1070, -33.5550



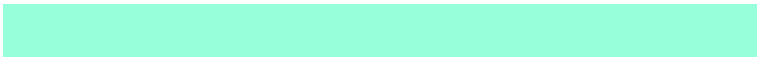
186.3140, 50.1070, 33.5550

# 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.



222.1500, 26.3610, 12.3530



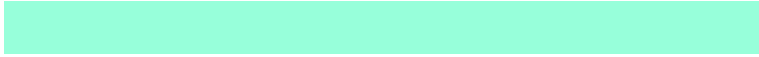
219.6860, -50.1070, -33.5550



233.2810, 10.1750, 19.3510

# Square

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



219.6860, -50.1070, -33.5550



220.1490, -52.1280, -13.4400



227.0690, 13.8880, 23.6480

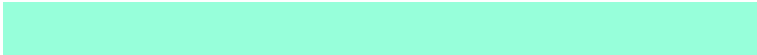


227.8480, 37.8740, -14.5900



# Rectangle

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



219.6860, -50.1070, -33.5550



211.3570, -85.5490, -30.0050



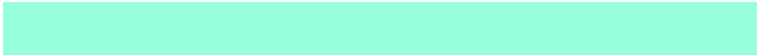
227.0690, 13.8880, 23.6480



222.3490, 32.6900, 2.2740

# Sweetspot

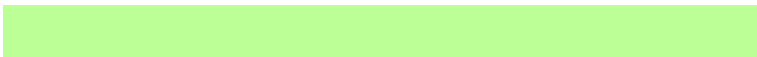
The Sweet Spot groups the original color and five complimentary colors.



219.6860, -50.1070, -33.5550



244.4770, -14.9450, -9.9930



223.4100, -5.9520, -46.3360



121.8200, -8.4810, -5.9930



0.0000, 0.0000, 0.0000

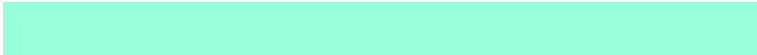


128.0000, -0.0000, -0.0000

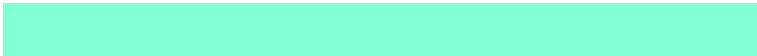


# Same Dimension

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



219.6860, -50.1070, -33.5550



212.6090, -60.3760, -40.1840



215.6860, -58.1340, -14.7260



123.5430, -6.1430, -4.3110



126.1390, -92.0080, -61.6400



42.2420, -30.7610, -20.7210



# Inverse Universe

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



186.3140, 50.1070, 33.5550



172.5050, 60.0550, 40.4950



190.3140, 58.1340, 14.7260



119.3430, 6.4640, 4.0000



64.8610, 92.0080, 61.6400

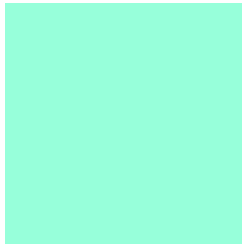


21.7580, 30.7610, 20.7210



# Previews

## White Background



This preview shows how the YIQ color 219.6860, -50.1070, -33.5550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

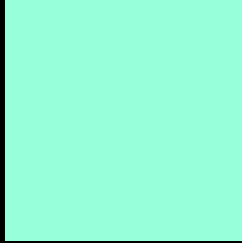
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 219.6860, -50.1070, -33.5550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

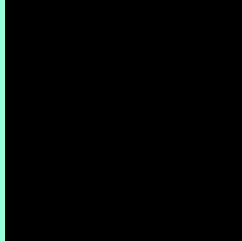
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

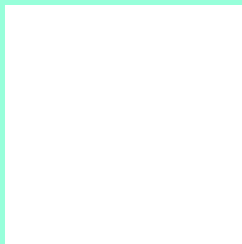
Any Text WCAG AAA ✓ Pass

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

# YIQ 219.6860, -50.1070, -33.5550 Background



This preview shows how black text looks on a background with the YIQ color 219.6860, -50.1070, -33.5550.



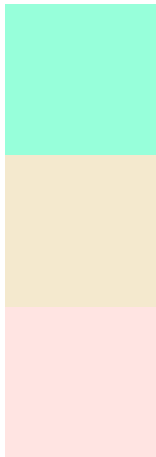
This preview shows how white text looks on a background with the YIQ color 219.6860, -50.1070, -33.5550.

-33.5550.

# 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

219.6860, -50.1070, -33.5550

### Protanopia

233.2110, 15.2230, -6.0650

### Deuteranopia

235.8450, 16.7340, 5.1020



## Tritanopia

229.4290, -32.1850, -5.9210

# Trichromacy



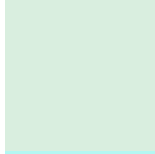
## Original Color

219.6860, -50.1070, -33.5550



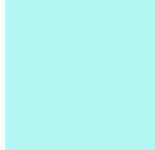
## Protanomaly

228.1970, -8.5250, -16.2130



## Deuteranomaly

230.0110, -7.7010, -9.1170



## Tritanomaly

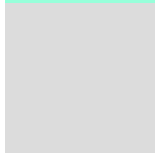
226.0980, -38.9230, -15.9710

# Monochromacy



## Original Color

219.6860, -50.1070, -33.5550



## Achromatopsia

220.0000, 0.0000, 0.0000



## Achromatomaly

220.0420, -18.1540, -12.4100

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 219.6860, -50.1070, -33.5550 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(151, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 218)  
}
```

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(151, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 218) }
```

## Border

The CSS property to change the border of an element to YIQ 219.6860, -50.1070, -33.5550 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(151, 255, 218) }
```



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

```
.border{ border-color:rgb(151, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
218) }
```

# Background

The CSS property to change the background color of an element to YIQ 219.6860, -50.1070, -33.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 218) }
```

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

```
.background{ background-color: rgb(151,  
255, 218) }
```

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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