

Converting Colors

YIQ(221.8980, -27.4570,
-36.5530)

Have a look what the booklet for
YIQ(221.8980, -27.4570, -36.5530)
contains.

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Color

**YIQ(221.8980, -27.4570,
-36.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFD8E
RGB	173, 253, 190
RGB Percent	68%, 99%, 75%
CMY	0.3218, 0.0077, 0.2550
CMYK	0.32, 0.00, 0.25, 0.01
HSL	133°, 95%, 84%
HSV	133°, 32%, 99%
XYZ	61.6491, 82.8663, 61.4520
YIQ	221.8980, -27.4570, -36.5530

Conversions

Conversions Part 2

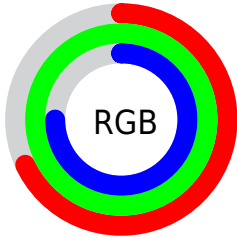
Format	Color
RYB	173, 239, 253
Decimal	11402686
CIELab	92.96, -36.83, 22.57
CIELCh	93, 43.194, 148.491
Yxy	82.8663, 0.2993, 0.4023
Android (android.graphics.Color)	4289592766 (0xFFADFDBE)
YUV	221.8980, -15.7257, -42.8835
Hunter-Lab	91.0309, -38.4182, 23.6969

Details

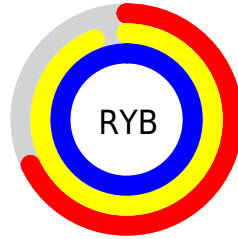
The YIQ color **221.8980, -27.4570, -36.5530** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **204.1020, 27.4570, 36.5530**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6130, -12.3320, -7.7880**, and **165.8380, -27.2280, -35.1960** is the 20% darker color. If you saturate the color by 10%, you get **212.1430, -35.9370, -48.0730**, and if you desaturate by 10%, it is **231.6530, -18.9770, -25.0330**.

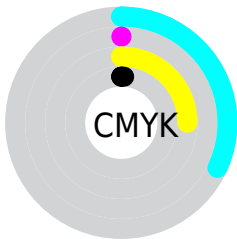
Distribution



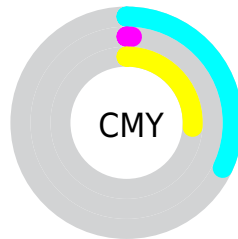
- Red (68%)
- Green (99%)
- Blue (75%)



- Red (68%)
- Yellow (94%)
- Blue (99%)



- Cyan (32%)
- Magenta (0%)
- Yellow (25%)
- Black (1%)



- Cyan (32%)
- Magenta (1%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.8980, -27.4570, -36.5530 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 221.8980, -27.4570, -36.5530 by changing the saturation by 10% instead.

■ 221.8980,
-27.4570, -36.5530

■ 221.8980,
-27.4570, -36.5530

255.0000, -0.0000,
-0.0000

■ 193.4250,
-27.5030, -35.7190

■ 246.4990,
-12.0110, -8.0990

■ 165.8380,
-27.2280, -35.1960

■ 138.4790,
-27.5950, -34.0510

■ 112.2940,
-28.5120, -33.9520

■ 85.9240, -30.3460,
-33.7540

■ 57.3900, -37.5900,
-34.6300

■ 40.7940, -23.9280,

-28.9200

■ 25.8280, -12.1000,
-23.0120

■ 10.5660, -4.9500,
-9.4140

■ 221.8980,
-27.4570, -36.5530

■ 221.8980,
-27.4570, -36.5530

■ 212.1430,
-35.9370, -48.0730

■ 231.6530,
-18.9770, -25.0330

■ 202.0890,
-45.0130, -59.8050

■ 241.7070, -9.9010,
-13.3010

■ 192.3340,
-53.4930, -71.3250

■ 251.4620, -1.4210,
-1.7810

■ 182.5790,
-61.9730, -82.8450

■ 253.8260, 0.5500,
1.0460

■ 172.5250,
-71.0490, -94.5770

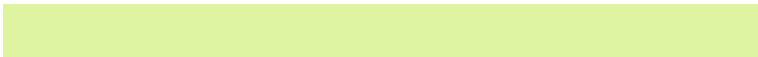
■ 162.7700,
-79.5290, -106.0970

■ 154.6670,
-86.9090, -115.5250

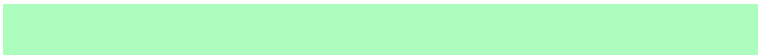
Harmonies

Analogous

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



227.8460, 13.8520, -30.7880



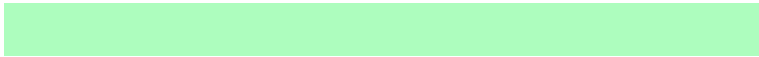
221.8980, -27.4570, -36.5530



212.4970, -71.5640, -35.6600

Triad

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



221.8980, -27.4570, -36.5530



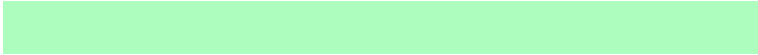
221.3890, -43.8760, -8.8040



219.6250, 32.0930, 7.5890

Complementary

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



221.8980, -27.4570, -36.5530



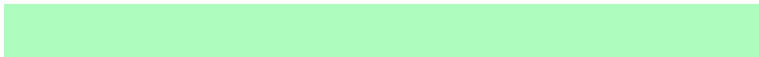
204.1020, 27.4570, 36.5530

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.



222.6520, 19.4360, 22.2200



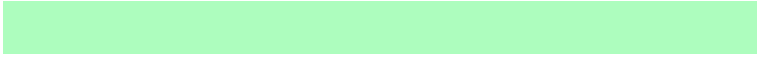
221.8980, -27.4570, -36.5530



232.0080, -2.4780, 11.8740

Square

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



221.8980, -27.4570, -36.5530



209.0090, -84.4490, -27.9130



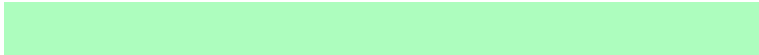
229.1720, 12.1000, 23.0120



222.4340, 39.3400, -8.1160

Rectangle

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



221.8980, -27.4570, -36.5530



206.8610, -95.9560, -34.1320



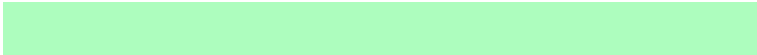
229.1720, 12.1000, 23.0120



219.9330, 28.4700, 12.6780

Sweetspot

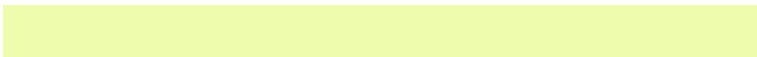
The Sweet Spot groups the original color and five complimentary colors.



221.8980, -27.4570, -36.5530



246.0710, -7.9300, -10.4740



239.0960, 16.1440, -28.2720



122.1470, -5.0880, -6.9120



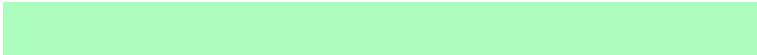
0.0000, 0.0000, 0.0000



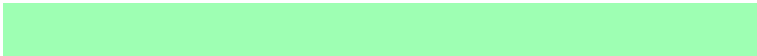
128.0000, -0.0000, -0.0000

Same Dimension

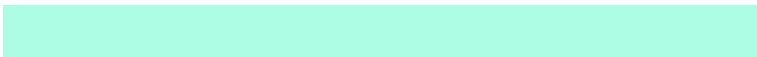
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.8980, -27.4570, -36.5530



217.3330, -33.4160, -44.2000



226.3440, -39.9760, -24.4240



122.8590, -4.2170, -6.1770



116.7910, -65.6860, -87.1420



39.1640, -22.0940, -29.1180

Inverse Universe

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



204.1020, 27.4570, 36.5530



195.6670, 33.4160, 44.2000



199.6560, 39.9760, 24.4240



120.0270, 4.5380, 5.8660



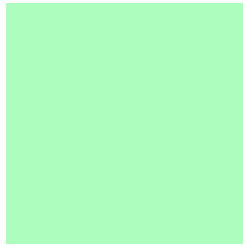
74.3230, 65.3650, 87.4530



24.8360, 22.0940, 29.1180

Previews

White Background



This preview shows how the YIQ color 221.8980, -27.4570, -36.5530 looks on a white background.

Color Contrast Check

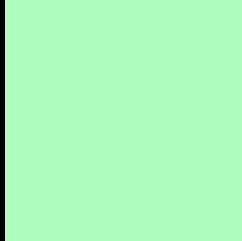
Large Text (above 18pt) WCAG AA × Fail

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 221.8980, -27.4570, -36.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

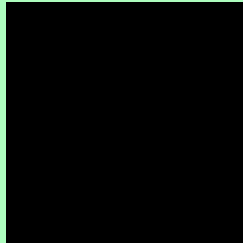
Any Text WCAG AA ✓ Pass

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 221.8980, -27.4570, -36.5530 Background



This preview shows how black text looks on a background with the YIQ color 221.8980, -27.4570, -36.5530.



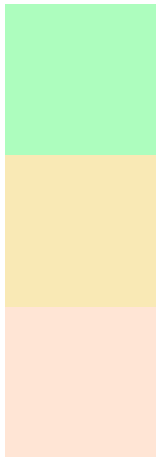
This preview shows how white text looks on a background with the YIQ color 221.8980, -27.4570, -36.5530.

-36.5530.

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

221.8980, -27.4570, -36.5530

Protanopia

231.8560, 26.2280, -12.7800

Deuteranopia

234.9500, 20.6320, 0.5360



Tritanopia

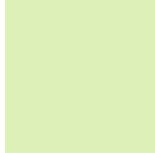
230.9350, -27.7380, -3.9140

Trichromacy



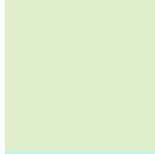
Original Color

221.8980, -27.4570, -36.5530



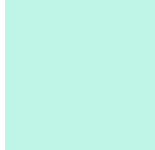
Protanomaly

227.9350, 6.6520, -21.4440



Deuteranomaly

230.3510, 2.8450, -13.0190



Tritanomaly

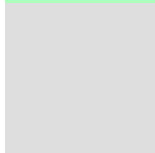
227.2580, -27.6900, -15.8020

Monochromacy



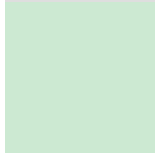
Original Color

221.8980, -27.4570, -36.5530



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

221.7070, -9.9010, -13.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.8980, -27.4570, -36.5530 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(173, 253, 190)` looks like.

```
.text, #text, p{  
    color:rgb(173, 253, 190)  
}
```

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(173, 253, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 253, 190) }
```

Border

The CSS property to change the border of an element to YIQ 221.8980, -27.4570, -36.5530 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(173, 253, 190) }
```


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

```
.border{ border-color:rgb(173, 253, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 253, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 253, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 253, 190);  
box-shadow:4px 4px 4px 4px rgb(173, 253,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 221.8980, -27.4570, -36.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 253, 190) }
```

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

```
.background{ background-color: rgb(173,  
253, 190) }
```

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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