

Converting Colors

YIQ(221.3180, -19.8920,
-35.9880)

Have a look what the booklet for
YIQ(221.3180, -19.8920, -35.9880)
contains.

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Color

**YIQ(221.3180, -19.8920,
-35.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FAB6
RGB	180, 250, 182
RGB Percent	71%, 98%, 71%
CMY	0.2943, 0.0195, 0.2863
CMYK	0.28, 0.00, 0.27, 0.02
HSL	122°, 88%, 84%
HSV	122°, 28%, 98%
XYZ	61.4475, 81.4634, 56.7377
YIQ	221.3180, -19.8920, -35.9880

Conversions

Conversions Part 2

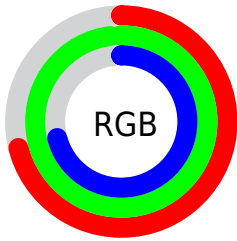
Format	Color
RYB	180, 248, 250
Decimal	11860662
CIELab	92.34, -34.63, 25.85
CIELCh	92, 43.214, 143.264
Yxy	81.4634, 0.3078, 0.4080
Android (android.graphics.Color)	4290050742 (0xFFB4FAB6)
YUV	221.3180, -19.3838, -36.2359
Hunter-Lab	90.2571, -36.4262, 25.9089

Details

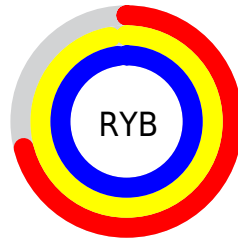
The YIQ color **221.3180, -19.8920, -35.9880** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **208.6820, 19.8920, 35.9880**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.6800, -5.2710, -9.1030**, and **165.3720, -19.9840, -34.3200** is the 20% darker color. If you saturate the color by 10%, you get **211.1070, -27.0880, -48.7520**, and if you desaturate by 10%, it is **231.5290, -12.6960, -23.2240**.

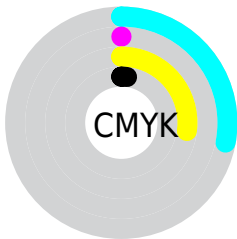
Distribution



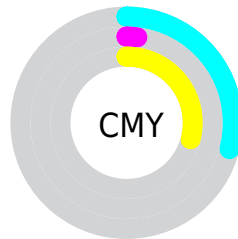
- Red (71%)
- Green (98%)
- Blue (71%)



- Red (71%)
- Yellow (97%)
- Blue (98%)



- Cyan (28%)
- Magenta (0%)
- Yellow (27%)
- Black (2%)



- Cyan (29%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.3180, -19.8920, -35.9880 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 221.3180, -19.8920, -35.9880 by changing the saturation by 10% instead.

■ 221.3180,
-19.8920, -35.9880

■ 221.3180,
-19.8920, -35.9880

255.0000, -0.0000,
-0.0000

■ 192.8450,
-19.9380, -35.1540

■ 247.6800, -5.2710,
-9.1030

■ 165.3720,
-19.9840, -34.3200

■ 138.7850,
-19.7090, -33.7970

■ 112.1270,
-20.6720, -32.8640

■ 86.3550, -21.3140,
-32.2420

■ 60.0880, -24.9360,
-32.6800

■ 38.7080, -20.8100,

-30.3620

■ 24.6540, -11.5500,
-21.9660

■ 8.8050, -4.1250,
-7.8450

■ 221.3180,
-19.8920, -35.9880

■ 221.3180,
-19.8920, -35.9880

■ 211.1070,
-27.0880, -48.7520

■ 231.5290,
-12.6960, -23.2240

■ 200.7820,
-33.9630, -61.8270

■ 241.8540, -5.8210,
-10.1490

■ 190.5710,
-41.1590, -74.5910

■ 252.0650, 1.3750,
2.6150

■ 180.3600,
-48.3550, -87.3550

■ 170.1490,
-55.5510, -100.1190

■ 159.8240,
-62.4260, -113.1940

■ 149.6130,
-69.6220, -125.9580

■ 147.5480,
-70.9970, -128.5730

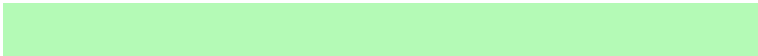
Harmonies

Analogous

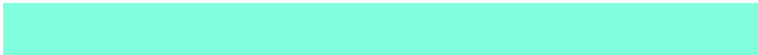
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.8360, 19.8120, -28.6680



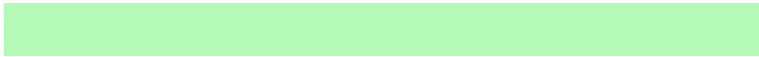
221.3180, -19.8920, -35.9880



213.5640, -64.5030, -36.9750

Triad

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



221.3180, -19.8920, -35.9880



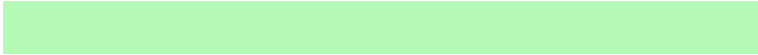
217.7900, -52.4950, -12.2950



218.4340, 31.3130, 10.7130

Complementary

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



221.3180, -19.8920, -35.9880



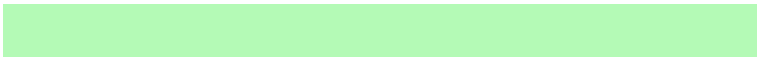
208.6820, 19.8920, 35.9880

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.



222.6350, 18.1060, 24.2980



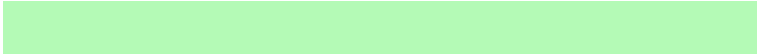
221.3180, -19.8920, -35.9880



229.0070, -9.9050, 8.8070

Square

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



221.3180, -19.8920, -35.9880



205.7200, -91.0050, -30.2450



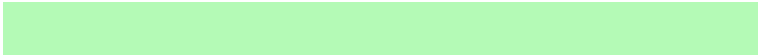
229.1720, 12.1000, 23.0120



220.4280, 39.4770, -5.0910

Rectangle

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



221.3180, -19.8920, -35.9880



207.6010, -92.2880, -34.5280



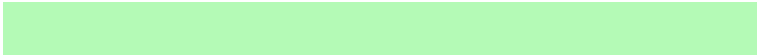
229.1720, 12.1000, 23.0120



219.4430, 27.0940, 15.5900

Sweetspot

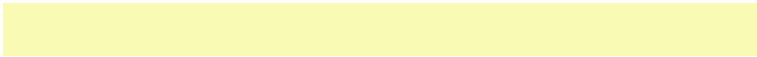
The Sweet Spot groups the original color and five complimentary colors.



221.3180, -19.8920, -35.9880



246.7400, -5.5000, -10.4600



241.7210, 21.8740, -21.9820



122.6310, -3.5750, -6.7990



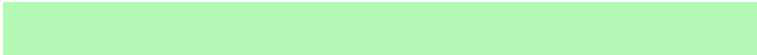
0.0000, 0.0000, 0.0000



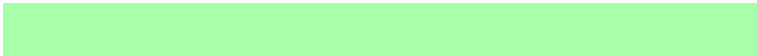
128.0000, -0.0000, -0.0000

Same Dimension

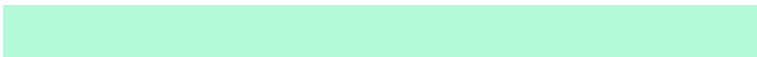
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221.3180, -19.8920, -35.9880



219.4110, -24.8880, -44.5680



225.1940, -30.8060, -25.4140



119.7450, -3.8960, -6.4880



111.6270, -53.9010, -96.9810



36.0350, -17.4170, -31.2810

Inverse Universe

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



208.6820, 19.8920, 35.9880



203.5890, 24.8880, 44.5680



204.8060, 30.8060, 25.4140



117.3690, 3.5750, 6.7990



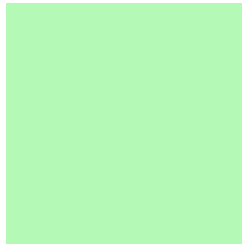
77.3730, 53.9010, 96.9810



24.9650, 17.4170, 31.2810

Previews

White Background



This preview shows how the YIQ color 221.3180, -19.8920, -35.9880 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 221.3180, -19.8920, -35.9880 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

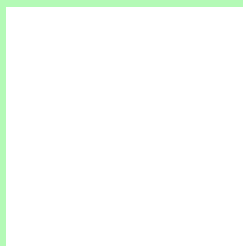
Any Text WCAG AAA ✓ Pass

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

YIQ 221.3180, -19.8920, -35.9880 Background



This preview shows how black text looks on a background with the YIQ color 221.3180, -19.8920, -35.9880.



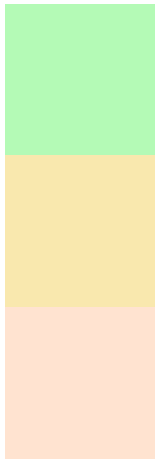
This preview shows how white text looks on a background with the YIQ color 221.3180, -19.8920, -35.9880.

-35.9880.

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

221.3180, -19.8920, -35.9880

Protanopia

230.4710, 28.7500, -14.4340

Deuteranopia

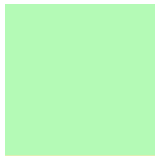
233.2060, 22.7870, 0.0270



Tritanopia

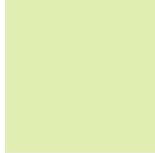
229.4620, -27.7840, -3.0800

Trichromacy



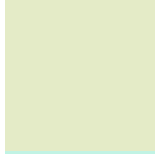
Original Color

221.3180, -19.8920, -35.9880



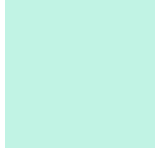
Protanomaly

227.4470, 10.9620, -22.4620



Deuteranomaly

228.8030, 7.3840, -12.6800



Tritanomaly

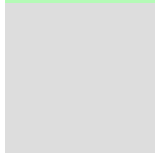
226.3400, -24.9850, -15.2650

Monochromacy



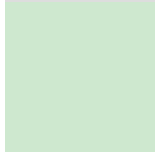
Original Color

221.3180, -19.8920, -35.9880



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.3760, -7.4710, -13.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.3180, -19.8920, -35.9880 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(180, 250, 182)` looks like.

```
.text, #text, p{  
    color:rgb(180, 250, 182)  
}
```

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(180, 250, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 250, 182) }
```

Border

The CSS property to change the border of an element to YIQ 221.3180, -19.8920, -35.9880 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(180, 250, 182) }
```


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

```
.border{ border-color:rgb(180, 250, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 250, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 250, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 250, 182);  
box-shadow:4px 4px 4px 4px rgb(180, 250,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 221.3180, -19.8920, -35.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 250, 182) }
```

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

```
.background{ background-color: rgb(180,  
250, 182) }
```

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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