

Converting Colors

YIQ(215.9070, -31.6760,
-31.6760)

Have a look what the booklet for
YIQ(215.9070, -31.6760, -31.6760)
contains.

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Color

**YIQ(215.9070, -31.6760,
-31.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	A6F5C5
RGB	166, 245, 197
RGB Percent	65%, 96%, 77%
CMY	0.3492, 0.0391, 0.2275
CMYK	0.32, 0.00, 0.20, 0.04
HSL	144°, 80%, 81%
HSV	144°, 32%, 96%
XYZ	58.4521, 77.4560, 64.6795
YIQ	215.9070, -31.6760, -31.6760

Conversions

Conversions Part 2

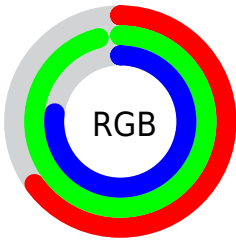
Format	Color
RYB	166, 223, 245
Decimal	10941893
CIELab	90.53, -33.99, 15.55
CIELCh	91, 37.376, 155.416
Yxy	77.4560, 0.2914, 0.3861
Android (android.graphics.Color)	4289131973 (0xFFA6F5C5)
YUV	215.9070, -9.3212, -43.7684
Hunter-Lab	88.0091, -35.4634, 18.0330

Details

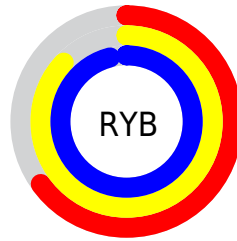
The YIQ color **215.9070, -31.6760, -31.6760** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **195.0930, 31.6760, 31.6760**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.3180, -18.7510, -7.0950**, and **159.8470, -31.4470, -30.3190** is the 20% darker color. If you saturate the color by 10%, you get **206.7220, -41.7610, -41.6410**, and if you desaturate by 10%, it is **224.7930, -22.1870, -21.9230**.

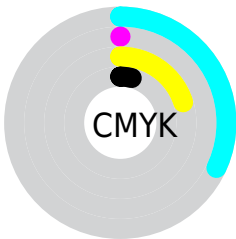
Distribution



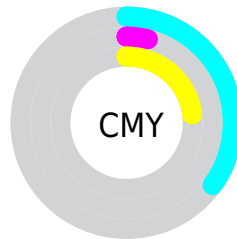
- Red (65%)
- Green (96%)
- Blue (77%)



- Red (65%)
- Yellow (87%)
- Blue (96%)



- Cyan (32%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (35%)
- Magenta (4%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9070, -31.6760, -31.6760 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 215.9070, -31.6760, -31.6760 by changing the saturation by 10% instead.

■ 215.9070,
-31.6760, -31.6760

■ 215.9070,
-31.6760, -31.6760

■ 255.0000, -0.0000,
-0.0000

■ 187.4340,
-31.7220, -30.8420

■ 245.3180,
-18.7510, -7.0950

■ 159.8470,
-31.4470, -30.3190

■ 254.1030, -1.7880,
-0.6360

■ 133.2600,
-31.1720, -29.7960

■ 107.1890,
-32.4100, -29.3860

■ 80.2210, -35.4360,
-29.6120

■ 54.5520, -37.8660,
-29.6260

■ 38.0700, -24.5250,

-23.6050

■ 22.3060, -10.4500,
-19.8740

■ 2.3480, -1.1000,
-2.0920

■ 215.9070,
-31.6760, -31.6760

■ 215.9070,
-31.6760, -31.6760

■ 206.7220,
-41.7610, -41.6410

■ 224.7930,
-22.1870, -21.9230

■ 197.8360,
-51.2500, -51.3940

■ 233.9780,
-12.1020, -11.9580

■ 188.6510,
-61.3350, -61.3590

■ 242.8640, -2.6130,
-2.2050

■ 179.7650,
-70.8240, -71.1120

■ 249.1300, 2.7500,
5.2300

■ 170.6940,
-81.2300, -80.7660

■ 161.8080,
-90.7190, -90.5190

■ 154.7590,
-98.1910, -98.2790

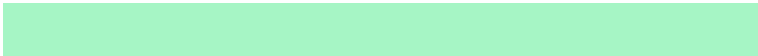
Harmonies

Analogous

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



221.1640, 4.2690, -27.8190



215.9070, -31.6760, -31.6760



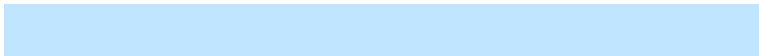
210.4100, -66.7050, -30.1050

Triad

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



215.9070, -31.6760, -31.6760



220.6020, -30.9940, 0.0300



218.0120, 35.2570, 5.3130

Complementary

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



215.9070, -31.6760, -31.6760



195.0930, 31.6760, 31.6760

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.



219.6540, 25.1220, 18.2900



215.9070, -31.6760, -31.6760



227.9210, 2.3810, 17.4290

Square

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



215.9070, -31.6760, -31.6760



211.8100, -64.4150, -16.5350



226.2370, 13.4750, 25.6270



221.7330, 39.9360, -7.9040

Rectangle

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



215.9070, -31.6760, -31.6760



207.8460, -82.4320, -25.9200



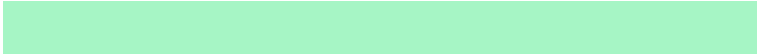
226.2370, 13.4750, 25.6270



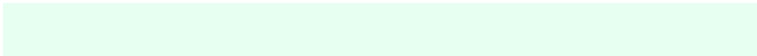
218.0920, 32.2760, 9.7800

Sweetspot

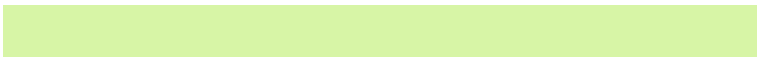
The Sweet Spot groups the original color and five complimentary colors.



215.9070, -31.6760, -31.6760



245.8150, -10.0850, -9.9650



227.0240, 7.4790, -30.9290



122.0760, -6.3260, -6.5020



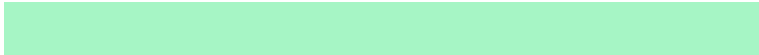
0.0000, 0.0000, 0.0000



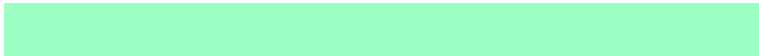
128.0000, -0.0000, -0.0000

Same Dimension

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



215.9070, -31.6760, -31.6760



218.5590, -39.7440, -39.6480



220.3530, -44.1950, -19.5470



117.6140, -4.9050, -4.7210



117.5040, -74.5830, -74.5750



37.2550, -23.6080, -23.7040

Inverse Universe

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



195.0930, 31.6760, 31.6760



192.4410, 39.7440, 39.6480



190.6470, 44.1950, 19.5470



114.5000, 4.5840, 5.0320



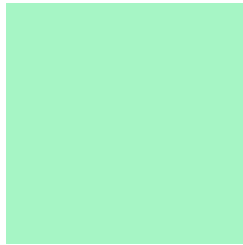
68.4960, 74.5830, 74.5750



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 215.9070, -31.6760, -31.6760 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 215.9070, -31.6760, -31.6760 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 215.9070, -31.6760, -31.6760 Background



This preview shows how black text looks on a background with the YIQ color 215.9070, -31.6760, -31.6760.



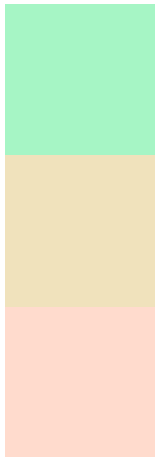
This preview shows how white text looks on a background with the YIQ color 215.9070, -31.6760, -31.6760.

-31.6760.

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

215.9070, -31.6760, -31.6760

Protanopia

225.8540, 20.5420, -8.8500

Deuteranopia

228.1680, 25.9500, 3.2780



Tritanopia

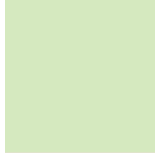
222.0090, -39.7500, -6.4860

Trichromacy



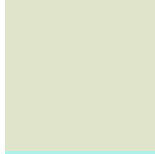
Original Color

215.9070, -31.6760, -31.6760



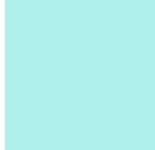
Protanomaly

222.2320, 1.5620, -17.3020



Deuteranomaly

223.5410, 5.3660, -9.1460



Tritanomaly

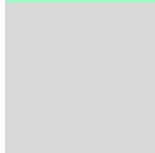
219.8810, -36.8140, -15.6460

Monochromacy



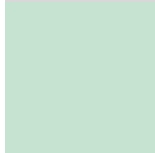
Original Color

215.9070, -31.6760, -31.6760



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

216.2770, -11.5060, -11.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9070, -31.6760, -31.6760 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(166, 245, 197)` looks like.

```
.text, #text, p{  
    color:rgb(166, 245, 197)  
}
```

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(166, 245, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 245, 197) }
```

Border

The CSS property to change the border of an element to YIQ 215.9070, -31.6760, -31.6760 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(166, 245, 197) }
```


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

```
.border{ border-color:rgb(166, 245, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 245, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 245, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 245, 197);  
box-shadow:4px 4px 4px 4px rgb(166, 245,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9070, -31.6760, -31.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 245, 197) }
```

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

```
.background{ background-color: rgb(166,  
245, 197) }
```

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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