

Converting Colors

YIQ(223.5070, -41.9930,
-26.4170)

Have a look what the booklet for
YIQ(223.5070, -41.9930, -26.4170)
contains.

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Color

**YIQ(223.5070, -41.9930,
-26.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	A7FCE1
RGB	167, 252, 225
RGB Percent	65%, 99%, 88%
CMY	0.3453, 0.0116, 0.1178
CMYK	0.34, 0.00, 0.11, 0.01
HSL	161°, 93%, 82%
HSV	161°, 34%, 99%
XYZ	64.3317, 83.2868, 83.8929
YIQ	223.5070, -41.9930, -26.4170

Conversions

Conversions Part 2

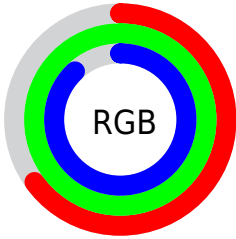
Format	Color
RYB	167, 218, 252
Decimal	11009249
CIELab	93.14, -31.43, 4.82
CIELCh	93, 31.797, 171.280
Yxy	83.2868, 0.2779, 0.3598
Android (android.graphics.Color)	4289199329 (0xFFA7FCE1)
YUV	223.5070, 0.7360, -49.5566
Hunter-Lab	91.2616, -33.8805, 9.3804

Details

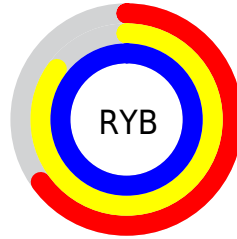
The YIQ color **223.5070, -41.9930, -26.4170** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **195.4930, 41.9930, 26.4170**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, -18.4760, -6.5720**, and **167.3330, -41.4430, -25.3710** is the 20% darker color. If you saturate the color by 10%, you get **215.1200, -54.3250, -34.2050**, and if you desaturate by 10%, it is **231.8940, -29.6610, -18.6290**.

Distribution



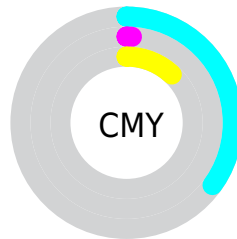
- Red (65%)
- Green (99%)
- Blue (88%)



- Red (65%)
- Yellow (85%)
- Blue (99%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)



- Cyan (35%)
- Magenta (1%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.5070, -41.9930, -26.4170 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 223.5070, -41.9930, -26.4170 by changing the saturation by 10% instead.

■ 223.5070,
-41.9930, -26.4170

■ 223.5070,
-41.9930, -26.4170

■ 255.0000, -0.0000,
-0.0000

■ 194.9200,
-41.7180, -25.8940

■ 245.7310,
-18.4760, -6.5720

■ 167.3330,
-41.4430, -25.3710

■ 254.7010, -0.5960,
-0.2120

■ 140.0340,
-42.0390, -25.5830

■ 112.9630,
-43.2770, -25.1730

■ 85.2830, -47.1740,
-26.1340

■ 60.6960, -46.8990,
-25.6110

■ 44.1000, -33.2370,

-19.9010

■ 28.2050, -20.1710,
-14.4030

■ 11.1530, -5.2250,
-9.9370

■ 223.5070,
-41.9930, -26.4170

■ 223.5070,
-41.9930, -26.4170

■ 215.1200,
-54.3250, -34.2050

■ 231.8940,
-29.6610, -18.6290

■ 206.7330,
-66.6570, -41.9930

■ 240.2810,
-17.3290, -10.8410

■ 198.0470,
-79.5850, -49.9930

■ 248.9670, -4.4010,
-2.8410

■ 189.6600,
-91.9170, -57.7810

■ 253.2390, 0.8250,
1.5690

■ 181.2730,
-104.2490, -65.5690

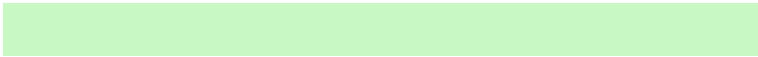
■ 172.8860,
-116.5810, -73.3570

■ 167.5320,
-124.5120, -78.3040

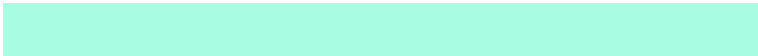
Harmonies

Analogous

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



227.7200, -11.9160, -26.3480



223.5070, -41.9930, -26.4170



220.9470, -63.5430, -21.3270

Triad

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



223.5070, -41.9930, -26.4170



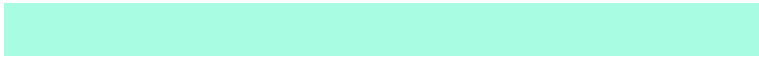
232.8390, -9.4920, 6.8280



226.9310, 30.8110, -2.2210

Complementary

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



223.5070, -41.9930, -26.4170



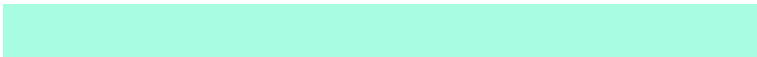
195.4930, 41.9930, 26.4170

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.



226.2590, 24.4360, 8.6920



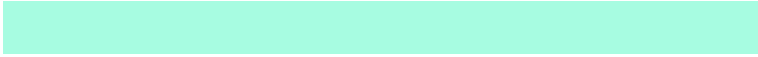
223.5070, -41.9930, -26.4170



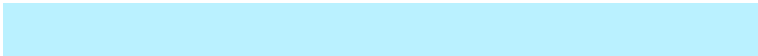
234.4550, 9.6250, 18.3050

Square

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



223.5070, -41.9930, -26.4170



226.1510, -37.2740, -7.3060



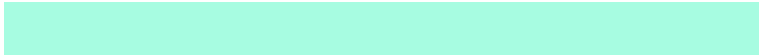
229.9070, 14.1640, 18.6440



231.2050, 32.5550, -11.8050

Rectangle

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



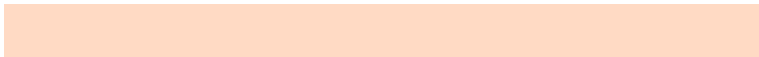
223.5070, -41.9930, -26.4170



219.7730, -62.9930, -20.2810



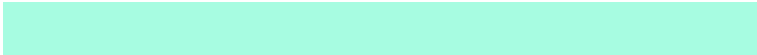
229.9070, 14.1640, 18.6440



226.5550, 29.1140, 1.0020

Sweetspot

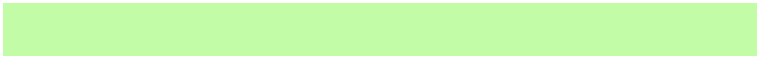
The Sweet Spot groups the original color and five complimentary colors.



223.5070, -41.9930, -26.4170



246.6130, -12.3320, -7.7880



225.2670, -6.6870, -38.5190



122.6460, -7.9310, -4.9470



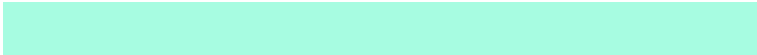
0.0000, 0.0000, 0.0000



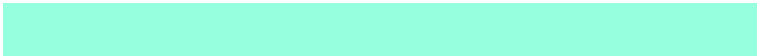
128.0000, -0.0000, -0.0000

Same Dimension

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



223.5070, -41.9930, -26.4170



219.8430, -51.9870, -32.5230



218.3670, -46.8100, -10.6980



120.6570, -6.4640, -4.0000



125.6490, -93.3840, -58.7280



40.5950, -30.2570, -18.8410

Inverse Universe

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



195.4930, 41.9930, 26.4170



185.2710, 51.6660, 32.8340



200.6330, 46.8100, 10.6980



116.3430, 6.4640, 4.0000



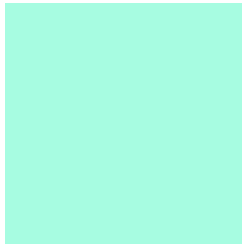
63.3510, 93.3840, 58.7280



20.4050, 30.2570, 18.8410

Previews

White Background



This preview shows how the YIQ color 223.5070, -41.9930, -26.4170 looks on a white background.

Color Contrast Check

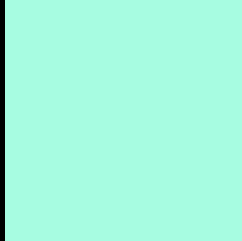
Large Text (above 18pt) WCAG AA × Fail

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 223.5070, -41.9930, -26.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

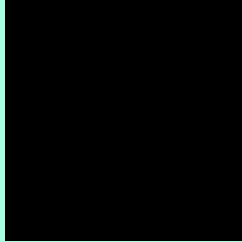
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

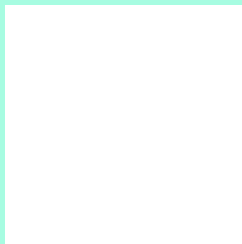
Any Text WCAG AAA ✓ Pass

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

YIQ 223.5070, -41.9930, -26.4170 Background



This preview shows how black text looks on a background with the YIQ color 223.5070, -41.9930, -26.4170.



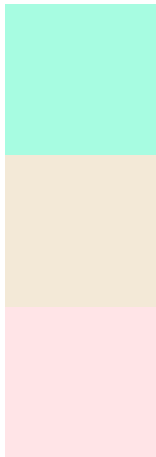
This preview shows how white text looks on a background with the YIQ color 223.5070, -41.9930, -26.4170.

-26.4170.

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

223.5070, -41.9930, -26.4170

Protanopia

233.9380, 11.7380, -3.4780

Deuteranopia

236.4150, 15.1290, 6.6570



Tritanopia

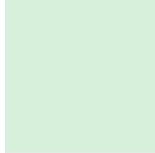
230.9240, -29.2050, -4.8610

Trichromacy



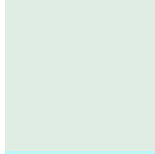
Original Color

223.5070, -41.9930, -26.4170



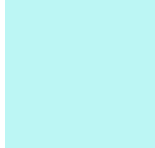
Protanomaly

230.1310, -8.1590, -11.8310



Deuteranomaly

231.9020, -5.7760, -5.4560



Tritanomaly

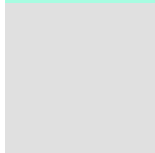
228.4300, -33.9260, -12.9180

Monochromacy



Original Color

223.5070, -41.9930, -26.4170



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.5910, -15.2660, -9.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.5070, -41.9930, -26.4170 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(167, 252, 225)` looks like.

```
.text, #text, p{  
    color:rgb(167, 252, 225)  
}
```

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(167, 252, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 252, 225) }
```

Border

The CSS property to change the border of an element to YIQ 223.5070, -41.9930, -26.4170 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(167, 252, 225) }
```


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

```
.border{ border-color:rgb(167, 252, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 252, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 252, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 252, 225);  
box-shadow:4px 4px 4px 4px rgb(167, 252,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 223.5070, -41.9930, -26.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 252, 225) }
```

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

```
.background{ background-color: rgb(167,  
252, 225) }
```

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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