

Converting Colors

YIQ(225.1820, -39.7000,
-29.4280)

Have a look what the booklet for
YIQ(225.1820, -39.7000, -29.4280)
contains.

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Color

**YIQ(225.1820, -39.7000,
-29.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FFDB
RGB	169, 255, 219
RGB Percent	66%, 100%, 86%
CMY	0.3375, 0.0000, 0.1413
CMYK	0.34, 0.00, 0.14, 0.00
HSL	155°, 100%, 83%
HSV	155°, 34%, 100%
XYZ	64.8916, 85.0613, 79.9933
YIQ	225.1820, -39.7000, -29.4280

Conversions

Conversions Part 2

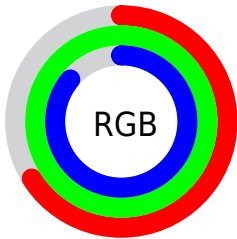
Format	Color
RYB	169, 223, 255
Decimal	11141083
CIELab	93.91, -33.48, 9.03
CIELCh	94, 34.675, 164.899
Yxy	85.0613, 0.2822, 0.3699
Android (android.graphics.Color)	4289331163 (0xFFA9FFDB)
YUV	225.1820, -3.0477, -49.2716
Hunter-Lab	92.2287, -35.8087, 13.1357

Details

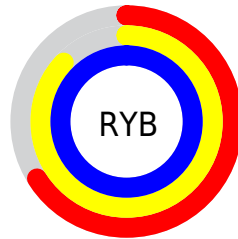
The YIQ color $225.1820, -39.7000, -29.4280$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $198.8180, 39.7000, 29.4280$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $246.3290, -17.2840, -6.1480$, and $169.0080, -39.1500, -28.3820$ is the 20% darker color. If you saturate the color by 10%, you get $216.1540, -51.6650, -38.3610$, and if you desaturate by 10%, it is $233.9110, -28.3310, -20.7070$.

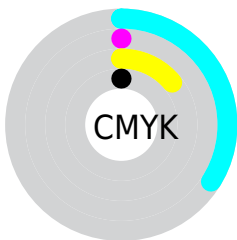
Distribution



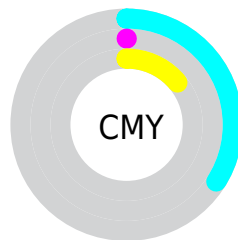
- Red (66%)
- Green (100%)
- Blue (86%)



- Red (66%)
- Yellow (87%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.1820, -39.7000, -29.4280 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 225.1820, -39.7000, -29.4280 by changing the saturation by 10% instead.

■ 225.1820,
-39.7000, -29.4280

■ 225.1820,
-39.7000, -29.4280

255.0000, -0.0000,
-0.0000

■ 196.5950,
-39.4250, -28.9050

■ 246.3290,
-17.2840, -6.1480

■ 169.0080,
-39.1500, -28.3820

■ 141.2360,
-39.7920, -27.7600

■ 114.6380,
-40.9840, -28.1840

■ 86.7840, -44.3310,
-28.0990

■ 61.3000, -45.8440,
-28.2120

■ 44.7040, -32.1820,

-22.5020

■ 28.9230, -19.4370,
-16.6930

■ 12.9140, -6.0500,
-11.5060

■ 225.1820,
-39.7000, -29.4280

■ 225.1820,
-39.7000, -29.4280

■ 216.1540,
-51.6650, -38.3610

■ 233.9110,
-28.3310, -20.7070

■ 207.5390,
-63.3550, -46.7710

■ 242.8250,
-16.0450, -12.0850

■ 198.5110,
-75.3200, -55.7040

■ 251.5540, -4.6760,
-3.3640

■ 189.7820,
-86.6890, -64.4250

■ 255.0000, -0.0000,
-0.0000

■ 180.8680,
-98.9750, -73.0470

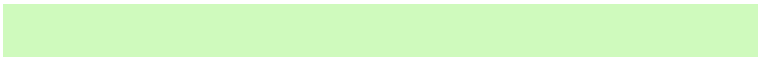
■ 172.1390,
-110.3440, -81.7680

■ 166.5570,
-117.6330, -87.3370

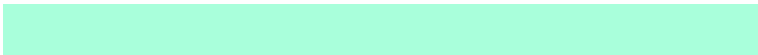
Harmonies

Analogous

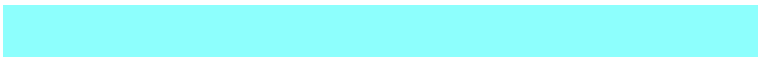
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.1890, -6.0470, -28.0870



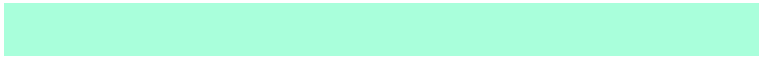
225.1820, -39.7000, -29.4280



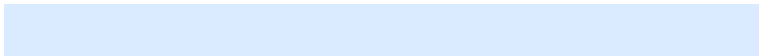
220.6860, -67.3020, -24.7900

Triad

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



225.1820, -39.7000, -29.4280



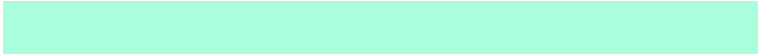
232.4960, -15.9560, 2.8280



226.6860, 30.1230, -0.7650

Complementary

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



225.1820, -39.7000, -29.4280



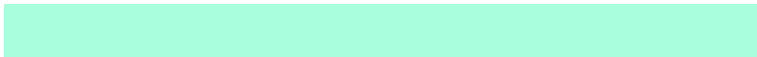
198.8180, 39.7000, 29.4280

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.



226.5840, 22.1430, 11.7030



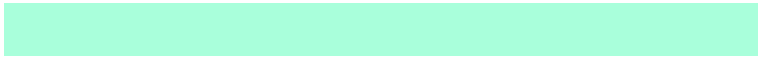
225.1820, -39.7000, -29.4280



236.2160, 8.8000, 16.7360

Square

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



225.1820, -39.7000, -29.4280



224.9000, -46.9930, -12.8890



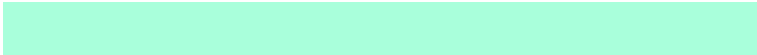
231.5200, 11.0000, 20.9200



230.9770, 33.1970, -12.4270

Rectangle

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



225.1820, -39.7000, -29.4280



219.4190, -70.9240, -25.2280



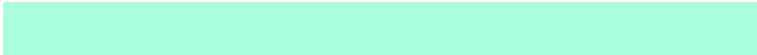
231.5200, 11.0000, 20.9200



225.9510, 28.0590, 3.6030

Sweetspot

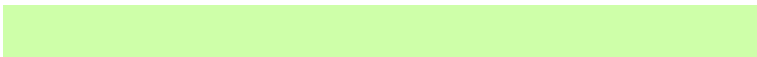
The Sweet Spot groups the original color and five complimentary colors.



225.1820, -39.7000, -29.4280



246.2710, -11.3690, -8.7210



230.5450, -1.5980, -37.1340



122.4180, -7.2890, -5.5690



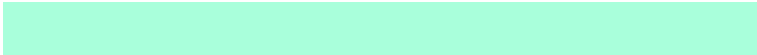
0.0000, 0.0000, 0.0000



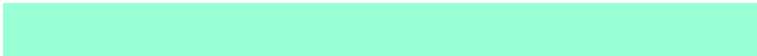
128.0000, -0.0000, -0.0000

Same Dimension

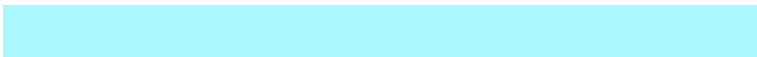
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.1820, -39.7000, -29.4280



219.6000, -46.9890, -34.9970



225.7640, -49.6060, -15.0940



123.4290, -5.8220, -4.6220



124.7710, -88.1560, -65.3720



41.7860, -29.4770, -21.9650

Inverse Universe

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



198.8180, 39.7000, 29.4280



188.4000, 46.9890, 34.9970



198.2360, 49.6060, 15.0940



119.4570, 6.1430, 4.3110



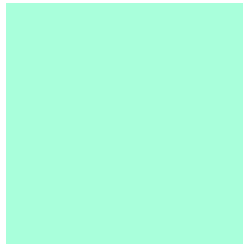
66.2290, 88.1560, 65.3720



22.2140, 29.4770, 21.9650

Previews

White Background



This preview shows how the YIQ color 225.1820, -39.7000, -29.4280 looks on a white background.

Color Contrast Check

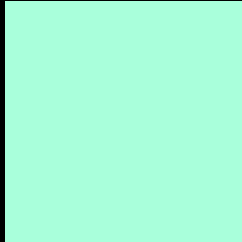
Large Text (above 18pt) WCAG AA × Fail

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 225.1820, -39.7000, -29.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

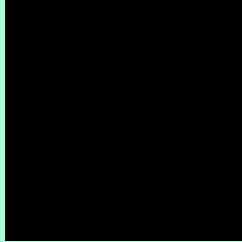
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

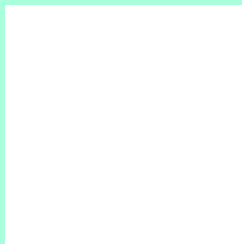
Any Text WCAG AAA ✓ Pass

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

YIQ 225.1820, -39.7000, -29.4280 Background



This preview shows how black text looks on a background with the YIQ color 225.1820, -39.7000, -29.4280.



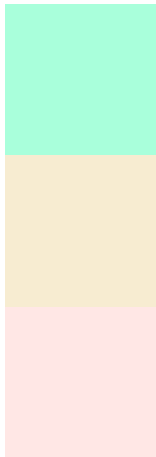
This preview shows how white text looks on a background with the YIQ color 225.1820, -39.7000, -29.4280.

-29.4280.

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

225.1820, -39.7000, -29.4280

Protanopia

236.2110, 15.2230, -6.0650

Deuteranopia

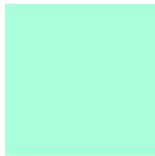
237.9480, 14.9460, 4.4660



Tritanopia

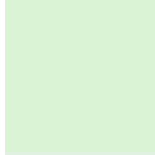
233.3050, -25.9040, -4.1120

Trichromacy



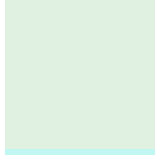
Original Color

225.1820, -39.7000, -29.4280



Protanomaly

232.4040, -4.6740, -14.4180



Deuteranomaly

233.5060, -4.7210, -8.0570



Tritanomaly

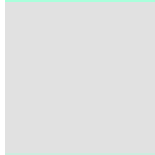
230.2840, -30.5790, -13.0030

Monochromacy



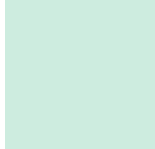
Original Color

225.1820, -39.7000, -29.4280



Achromatopsia

225.0000, -0.0000, -0.0000



Achromatomaly

225.2490, -14.3030, -10.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.1820, -39.7000, -29.4280 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(169, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 219)  
}
```

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(169, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 219) }
```

Border

The CSS property to change the border of an element to YIQ 225.1820, -39.7000, -29.4280 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

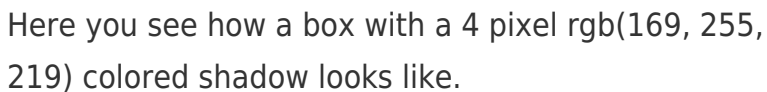
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 255, 219) }
```


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

```
.border{ border-color:rgb(169, 255, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 255, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 255, 219); box-shadow:4px 4px 4px 4px rgb(169, 255, 219) }
```

Background

The CSS property to change the background color of an element to YIQ 225.1820, -39.7000, -29.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 219) }
```

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

```
.background{ background-color: rgb(169,  
255, 219) }
```

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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