

Converting Colors

YIQ(211.0180, -35.9420,
-20.4380)

Have a look what the booklet for
YIQ(211.0180, -35.9420, -20.4380)
contains.

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Color

**YIQ(211.0180, -35.9420,
-20.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	A4EAD8
RGB	164, 234, 216
RGB Percent	64%, 92%, 85%
CMY	0.3570, 0.0822, 0.1531
CMYK	0.30, 0.00, 0.08, 0.08
HSL	165°, 63%, 78%
HSV	165°, 30%, 92%
XYZ	57.1221, 71.7062, 75.7735
YIQ	211.0180, -35.9420, -20.4380

Conversions

Conversions Part 2

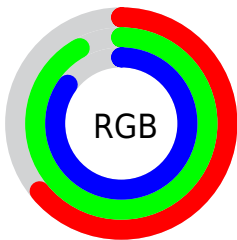
Format	Color
RYB	164, 204, 234
Decimal	10808024
CIELab	87.83, -25.58, 1.78
CIELCh	88, 25.644, 176.026
Yxy	71.7062, 0.2792, 0.3505
Android (android.graphics.Color)	4288998104 (0xFFA4EAD8)
YUV	211.0180, 2.4561, -41.2348
Hunter-Lab	84.6795, -27.7788, 6.2214

Details

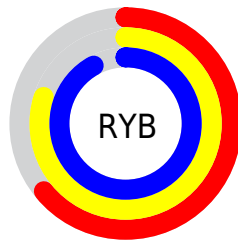
The YIQ color **211.0180, -35.9420, -20.4380** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **186.9820, 35.9420, 20.4380**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **244.8340, -20.2640, -7.2080**, and **155.7300, -35.0710, -19.7030** is the 20% darker color. If you saturate the color by 10%, you get **203.4570, -47.7240, -27.1800**, and if you desaturate by 10%, it is **218.5790, -24.1600, -13.6960**.

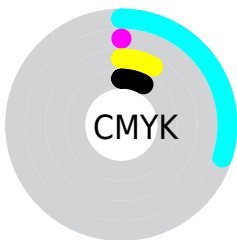
Distribution



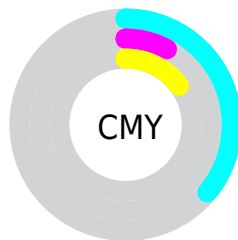
- Red (64%)
- Green (92%)
- Blue (85%)



- Red (64%)
- Yellow (80%)
- Blue (92%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (36%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.0180, -35.9420, -20.4380 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 211.0180, -35.9420, -20.4380 by changing the saturation by 10% instead.

■ 211.0180,
-35.9420, -20.4380

■ 211.0180,
-35.9420, -20.4380

■ 255.0000, -0.0000,
-0.0000

■ 183.3170,
-35.3460, -20.2260

■ 244.8340,
-20.2640, -7.2080

■ 155.7300,
-35.0710, -19.7030

■ 253.5050, -2.9800,
-1.0600

■ 128.8440,
-35.3920, -19.3920

■ 102.9580,
-35.7130, -19.0810

■ 77.0610, -37.5010,
-19.7170

■ 51.6800, -40.8020,
-20.4660

■ 35.0840, -27.1400,

-14.7560

■ 21.0640, -15.2200,
-10.5160

■ 0.0000, 0.0000,
0.0000

■ 211.0180,
-35.9420, -20.4380

■ 211.0180,
-35.9420, -20.4380

■ 203.4570,
-47.7240, -27.1800

■ 218.5790,
-24.1600, -13.6960

■ 195.5970,
-60.1020, -34.1340

■ 226.4390,
-11.7820, -6.7420

■ 188.0360,
-71.8840, -40.8760

■ 234.0000, -0.0000,
0.0000

■ 180.1760,
-84.2620, -47.8300

■ 240.9630, 10.5900,
6.3180

■ 172.6150,
-96.0440, -54.5720

■ 241.6470, 8.6640,
8.1840

■ 165.0540,
-107.8260, -61.3140

■ 242.3310, 6.7380,
10.0500

■ 157.1940,
-120.2040, -68.2680

■ 242.6730, 5.7750,
10.9830

Harmonies

Analogous

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



213.6970, -13.1090, -21.2450



211.0180, -35.9420, -20.4380



210.2800, -51.1190, -15.2070

Triad

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



211.0180, -35.9420, -20.4380



221.0550, -9.8600, 13.5000



220.1490, 36.1290, 0.5210

Complementary

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



211.0180, -35.9420, -20.4380



186.9820, 35.9420, 20.4380

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.



218.7930, 31.6800, 9.5680



211.0180, -35.9420, -20.4380



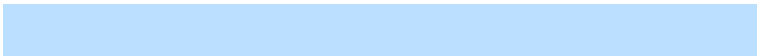
224.2320, 11.8710, 21.6550

Square

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



211.0180, -35.9420, -20.4380



215.8840, -31.7280, 2.3200



220.9420, 24.2510, 17.5550



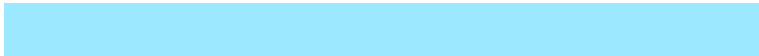
219.3450, 29.3450, -8.6950

Rectangle

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



211.0180, -35.9420, -20.4380



211.7840, -52.3580, -9.2700



220.9420, 24.2510, 17.5550



218.9580, 35.3490, 3.6450

Sweetspot

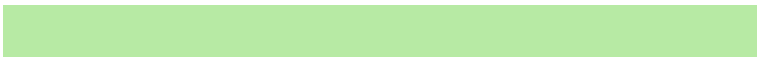
The Sweet Spot groups the original color and five complimentary colors.



211.0180, -35.9420, -20.4380



247.4390, -11.7820, -6.7420



210.7710, -7.9260, -32.5820



123.0590, -7.6560, -4.4240



0.0000, 0.0000, 0.0000



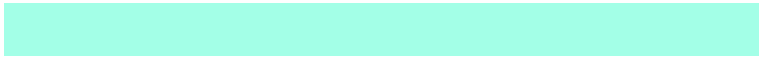
128.0000, -0.0000, -0.0000

Same Dimension

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



211.0180, -35.9420, -20.4380



224.7560, -47.1280, -26.9680



203.6780, -37.3200, -6.4720



113.3690, -5.5930, -3.2650



121.5230, -92.7890, -52.9890



36.2580, -27.6900, -15.8020

Inverse Universe

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



186.9820, 35.9420, 20.4380



193.2440, 47.1280, 26.9680



194.3220, 37.3200, 6.4720



109.6310, 5.5930, 3.2650



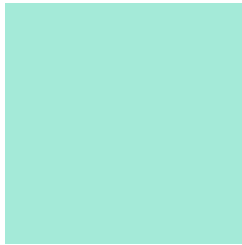
59.4770, 92.7890, 52.9890



17.7420, 27.6900, 15.8020

Previews

White Background



This preview shows how the YIQ color 211.0180, -35.9420, -20.4380 looks on a white background.

Color Contrast Check

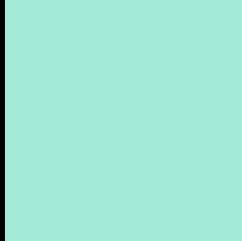
Large Text (above 18pt) WCAG AA × Fail

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 211.0180, -35.9420, -20.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

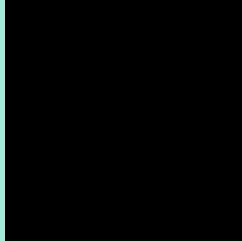
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

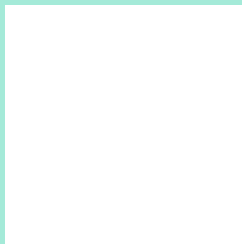
Any Text WCAG AAA ✓ Pass

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

YIQ 211.0180, -35.9420, -20.4380 Background



This preview shows how black text looks on a background with the YIQ color 211.0180, -35.9420, -20.4380.



This preview shows how white text looks on a background with the YIQ color 211.0180, -35.9420, -20.4380.

-20.4380.

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

211.0180, -35.9420, -20.4380

Protanopia

219.1380, 8.2990, -1.7250

Deuteranopia

221.2840, 14.1200, 8.4240



Tritanopia

213.8240, -40.6670, -6.3870

Trichromacy



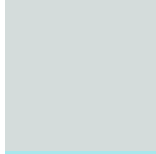
Original Color

211.0180, -35.9420, -20.4380



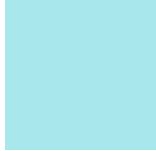
Protanomaly

216.1250, -8.0220, -8.8060



Deuteranomaly

217.4940, -4.4470, -2.0070



Tritanomaly

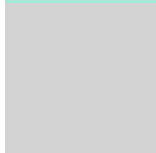
212.7330, -39.1530, -11.8010

Monochromacy



Original Color

211.0180, -35.9420, -20.4380



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

210.8410, -12.9740, -7.1660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.0180, -35.9420, -20.4380 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(164, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(164, 234, 216)  
}
```

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(164, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 234, 216) }
```

Border

The CSS property to change the border of an element to YIQ 211.0180, -35.9420, -20.4380 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(164, 234, 216) }
```


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

```
.border{ border-color:rgb(164, 234, 216) }
```

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

Here you see how a box with a 4 pixel rgb(164, 234, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(164, 234,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 211.0180, -35.9420, -20.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 234, 216) }
```

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

```
.background{ background-color: rgb(164,  
234, 216) }
```

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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