

Converting Colors

YIQ(210.5200, -34.8400,
-29.4000)

Have a look what the booklet for
YIQ(210.5200, -34.8400, -29.4000)
contains.

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Color

**YIQ(210.5200, -34.8400,
-29.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	9FEFC7
RGB	159, 239, 199
RGB Percent	62%, 94%, 78%
CMY	0.3767, 0.0626, 0.2197
CMYK	0.34, 0.00, 0.17, 0.06
HSL	150°, 71%, 78%
HSV	150°, 34%, 94%
XYZ	55.4691, 73.2402, 65.2294
YIQ	210.5200, -34.8400, -29.4000

Conversions

Conversions Part 2

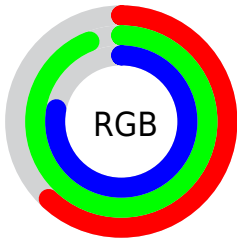
Format	Color
RYB	159, 212, 239
Decimal	10481607
CIELab	88.56, -32.86, 11.68
CIELCh	89, 34.875, 160.434
Yxy	73.2402, 0.2860, 0.3776
Android (android.graphics.Color)	4288671687 (0xFF9FEFC7)
YUV	210.5200, -5.6794, -45.1830
Hunter-Lab	85.5805, -34.0708, 14.7155

Details

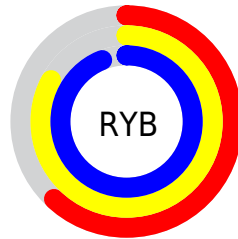
The YIQ color **210.5200, -34.8400, -29.4000** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **187.4800, 34.8400, 29.4000**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **243.3390, -23.2440, -8.2680**, and **155.0470, -34.8860, -28.5660** is the 20% darker color. If you saturate the color by 10%, you get **201.9760, -45.2920, -38.2200**, and if you desaturate by 10%, it is **219.0640, -24.3880, -20.5800**.

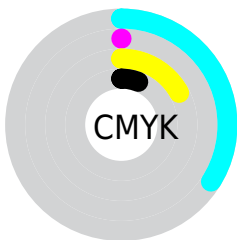
Distribution



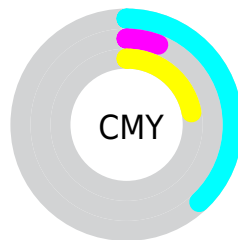
- Red (62%)
- Green (94%)
- Blue (78%)



- Red (62%)
- Yellow (83%)
- Blue (94%)



- Cyan (34%)
- Magenta (0%)
- Yellow (17%)
- Black (6%)



- Cyan (38%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.5200, -34.8400, -29.4000 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 210.5200, -34.8400, -29.4000 by changing the saturation by 10% instead.

■ 210.5200,
-34.8400, -29.4000

■ 210.5200,
-34.8400, -29.4000

255.0000, -0.0000,
-0.0000

■ 182.6340,
-35.1610, -29.0890

■ 243.3390,
-23.2440, -8.2680

■ 155.0470,
-34.8860, -28.5660

■ 252.0100, -5.9600,
-2.1200

■ 128.4600,
-34.6110, -28.0430

■ 101.5030,
-36.1700, -27.3220

■ 74.5240, -40.6630,
-28.4950

■ 51.8450, -37.1330,
-26.3890

■ 35.3630, -23.7920,

-20.3680

■ 20.6590, -9.9460,
-17.9940

■ 0.0000, 0.0000,
0.0000

■ 210.5200,
-34.8400, -29.4000

■ 210.5200,
-34.8400, -29.4000

■ 201.9760,
-45.2920, -38.2200

■ 219.0640,
-24.3880, -20.5800

■ 193.4320,
-55.7440, -47.0400

■ 227.6080,
-13.9360, -11.7600

■ 184.8880,
-66.1960, -55.8600

■ 236.1520, -3.4840,
-2.9400

■ 176.3440,
-76.6480, -64.6800

■ 244.6960, 6.9680,
5.8800

■ 167.8000,
-87.1000, -73.5000

■ 245.6080, 4.4000,
8.3680

■ 159.5550,
-96.9560, -82.1080

■ 153.8590,
-103.9240, -87.9880

Harmonies

Analogous

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



215.1680, -1.5540, -26.9140



210.5200, -34.8400, -29.4000



206.0020, -65.3760, -26.6560

Triad

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



210.5200, -34.8400, -29.4000



217.7000, -25.2180, 5.4860



216.0400, 38.0540, 4.1820

Complementary

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



210.5200, -34.8400, -29.4000



187.4800, 34.8400, 29.4000

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.



216.6390, 29.4780, 16.4380



210.5200, -34.8400, -29.4000



224.6980, 4.6270, 20.7790

Square

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



210.5200, -34.8400, -29.4000



209.8050, -56.8510, -10.4430



221.5750, 18.3350, 25.6550



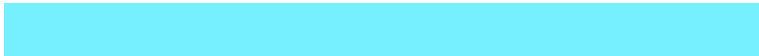
219.5160, 42.0450, -7.5790

Rectangle

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



210.5200, -34.8400, -29.4000



205.2320, -77.5270, -21.1990



221.5750, 18.3350, 25.6550



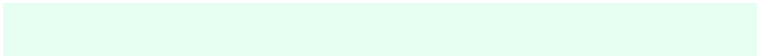
215.3050, 35.9900, 8.5500

Sweetspot

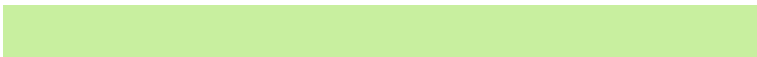
The Sweet Spot groups the original color and five complimentary colors.



210.5200, -34.8400, -29.4000



246.0430, -10.7270, -9.3430



218.2190, 2.4360, -33.1480



122.3040, -6.9680, -5.8800



0.0000, 0.0000, 0.0000



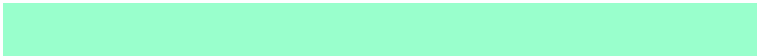
128.0000, -0.0000, -0.0000

Same Dimension

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



210.5200, -34.8400, -29.4000



218.6880, -44.4210, -37.4850



214.9660, -47.3590, -17.2710



115.7280, -5.2260, -4.4100



118.4960, -80.1320, -67.6200



36.0640, -24.3880, -20.5800

Inverse Universe

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



187.4800, 34.8400, 29.4000



189.3120, 44.4210, 37.4850



183.0340, 47.3590, 17.2710



112.2720, 5.2260, 4.4100



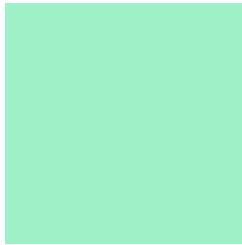
65.5040, 80.1320, 67.6200



19.9360, 24.3880, 20.5800

Previews

White Background



This preview shows how the YIQ color 210.5200, -34.8400, -29.4000 looks on a white background.

Color Contrast Check

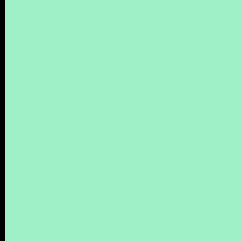
Large Text (above 18pt) WCAG AA × Fail

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 210.5200, -34.8400, -29.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

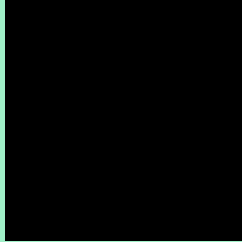
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

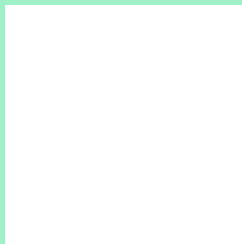
Any Text WCAG AAA ✓ Pass

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

YIQ 210.5200, -34.8400, -29.4000 Background



This preview shows how black text looks on a background with the YIQ color 210.5200, -34.8400, -29.4000.



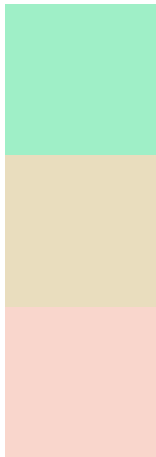
This preview shows how white text looks on a background with the YIQ color 210.5200, -34.8400, -29.4000.

-29.4000.

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

210.5200, -34.8400, -29.4000

Protanopia

221.0540, 17.1030, -7.0970

Deuteranopia

223.3250, 24.0700, 4.3100



Tritanopia

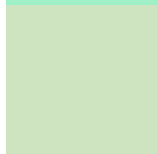
215.5140, -42.7300, -7.5460

Trichromacy



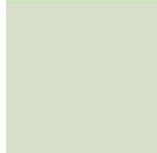
Original Color

210.5200, -34.8400, -29.4000



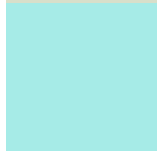
Protanomaly

217.4320, -1.8770, -15.5490



Deuteranomaly

218.5130, 2.5690, -8.0150



Tritanomaly

213.9130, -39.8400, -15.8720

Monochromacy



Original Color

210.5200, -34.8400, -29.4000



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

210.7330, -12.7900, -10.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.5200, -34.8400, -29.4000 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(159, 239, 199)` looks like.

```
.text, #text, p{  
    color:rgb(159, 239, 199)  
}
```

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(159, 239, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 239, 199) }
```

Border

The CSS property to change the border of an element to YIQ 210.5200, -34.8400, -29.4000 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(159, 239, 199) }
```


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

```
.border{ border-color:rgb(159, 239, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 239, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 239, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 239, 199);  
box-shadow:4px 4px 4px 4px rgb(159, 239,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 210.5200, -34.8400, -29.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 239, 199) }
```

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

```
.background{ background-color: rgb(159,  
239, 199) }
```

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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