

Converting Colors

YIQ(214.7230, -34.3340,
-38.5740)

Have a look what the booklet for
YIQ(214.7230, -34.3340, -38.5740)
contains.

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Color

**YIQ(214.7230, -34.3340,
-38.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	9EF9BB
RGB	158, 249, 187
RGB Percent	62%, 98%, 73%
CMY	0.3806, 0.0234, 0.2667
CMYK	0.37, 0.00, 0.25, 0.02
HSL	139°, 88%, 80%
HSV	139°, 37%, 98%
XYZ	56.9424, 78.6243, 59.1759
YIQ	214.7230, -34.3340, -38.5740

Conversions

Conversions Part 2

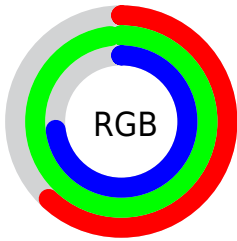
Format	Color
RYB	158, 227, 249
Decimal	10418619
CIELab	91.06, -39.98, 21.38
CIELCh	91, 45.335, 151.864
Yxy	78.6243, 0.2924, 0.4037
Android (android.graphics.Color)	4288608699 (0xFF9EF9BB)
YUV	214.7230, -13.6674, -49.7461
Hunter-Lab	88.6703, -40.5437, 22.5009

Details

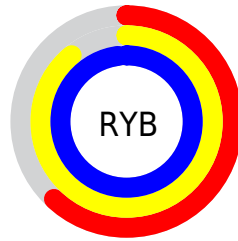
The YIQ color **214.7230, -34.3340, -38.5740** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **192.2770, 34.3340, 38.5740**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.6720, -19.9880, -12.2120**, and **158.7770, -34.4260, -36.9060** is the 20% darker color. If you saturate the color by 10%, you get **205.3100, -43.7770, -49.1610**, and if you desaturate by 10%, it is **224.1360, -24.8910, -27.9870**.

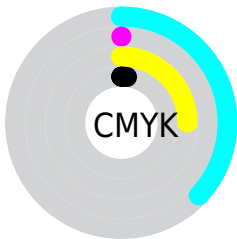
Distribution



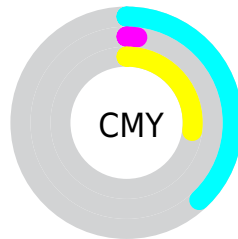
- Red (62%)
- Green (98%)
- Blue (73%)



- Red (62%)
- Yellow (89%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.7230, -34.3340, -38.5740 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 214.7230, -34.3340, -38.5740 by changing the saturation by 10% instead.

■ 214.7230,
-34.3340, -38.5740

■ 214.7230,
-34.3340, -38.5740

255.0000, -0.0000,
-0.0000

■ 186.2500,
-34.3800, -37.7400

■ 241.6720,
-19.9880, -12.2120

■ 158.4780,
-35.0220, -37.1180

■ 251.7110, -6.5560,
-2.3320

■ 131.5920,
-35.3430, -36.8070

■ 104.2220,
-37.1770, -36.6090

■ 74.0790, -47.0800,
-38.8560

■ 55.2870, -35.8020,
-33.9940

■ 38.8050, -22.4610,

-27.9730

■ 24.0670, -11.2750,
-21.4430

■ 4.1090, -1.9250,
-3.6610

■ 214.7230,
-34.3340, -38.5740

■ 214.7230,
-34.3340, -38.5740

■ 205.3100,
-43.7770, -49.1610

■ 224.1360,
-24.8910, -27.9870

■ 195.8970,
-53.2200, -59.7480

■ 233.5490,
-15.4480, -17.4000

■ 186.4840,
-62.6630, -70.3350

■ 242.9620, -6.0050,
-6.8130

■ 177.0710,
-72.1060, -80.9220

■ 251.4780, 1.6500,
3.1380

■ 167.6580,
-81.5490, -91.5090

■ 158.5440,
-90.3960, -101.8840

■ 155.1690,
-93.8340, -105.6580

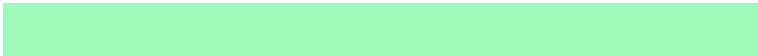
Harmonies

Analogous

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



221.2260, 9.7260, -33.1060



214.7230, -34.3340, -38.5740



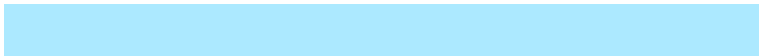
205.0440, -83.5300, -39.0660

Triad

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



214.7230, -34.3340, -38.5740



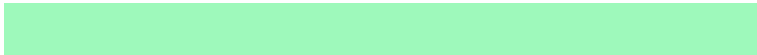
217.2690, -43.4180, -6.0900



214.8490, 37.2740, 7.3060

Complementary

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



214.7230, -34.3340, -38.5740



192.2770, 34.3340, 38.5740

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.



217.2890, 24.8920, 22.4600



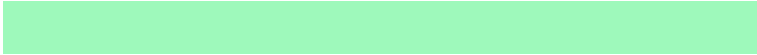
214.7230, -34.3340, -38.5740



227.6110, 0.3180, 16.2700

Square

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



214.7230, -34.3340, -38.5740



202.1870, -90.8220, -28.0540



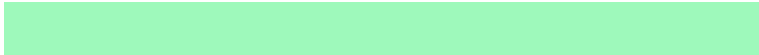
224.4760, 14.3000, 27.1960



218.8320, 43.9710, -9.4450

Rectangle

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



214.7230, -34.3340, -38.5740



196.7280, -111.8190, -38.4990



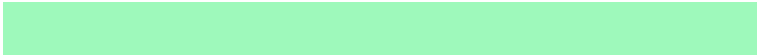
224.4760, 14.3000, 27.1960



214.5700, 33.9260, 12.9180

Sweetspot

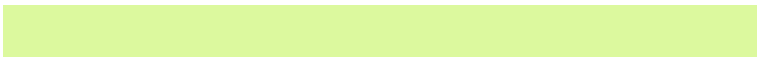
The Sweet Spot groups the original color and five complimentary colors.



214.7230, -34.3340, -38.5740



244.4620, -10.5890, -11.8450



229.9550, 11.9270, -34.4490



121.5490, -6.2800, -7.3360



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.



214.7230, -34.3340, -38.5740



212.8480, -42.3560, -47.3800



219.8530, -48.7790, -24.5790



120.0870, -4.8590, -5.5550



117.7830, -71.2350, -80.1870



38.0870, -23.1950, -25.6830

Inverse Universe

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



192.2770, 34.3340, 38.5740



185.1520, 42.3560, 47.3800



187.1470, 48.7790, 24.5790



116.9130, 4.8590, 5.5550



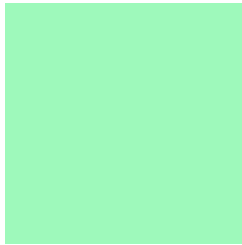
71.2170, 71.2350, 80.1870



23.0270, 22.8740, 25.9940

Previews

White Background



This preview shows how the YIQ color 214.7230, -34.3340, -38.5740 looks on a white background.

Color Contrast Check

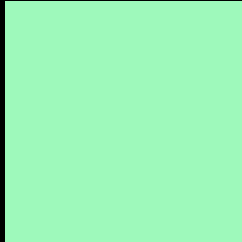
Large Text (above 18pt) WCAG AA × Fail

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 214.7230, -34.3340, -38.5740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

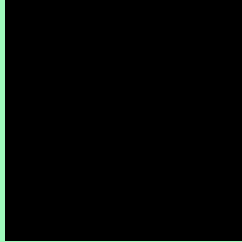
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

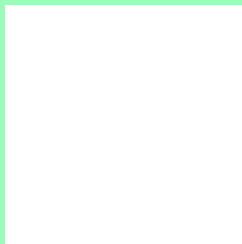
Any Text WCAG AAA ✓ Pass

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

YIQ 214.7230, -34.3340, -38.5740 Background



This preview shows how black text looks on a background with the YIQ color 214.7230, -34.3340, -38.5740.



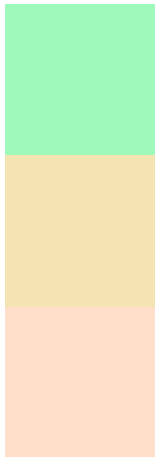
This preview shows how white text looks on a background with the YIQ color 214.7230, -34.3340, -38.5740.

-38.5740.

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

214.7230, -34.3340, -38.5740

Protanopia

226.6710, 25.3110, -12.6810

Deuteranopia

229.5870, 26.0880, 0.7760



Tritanopia

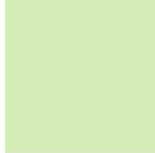
223.1940, -38.8330, -6.5850

Trichromacy



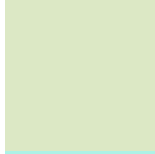
Original Color

214.7230, -34.3340, -38.5740



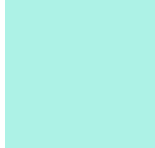
Protanomaly

222.5540, 3.3510, -22.1930



Deuteranomaly

224.4220, 4.0830, -13.4290



Tritanomaly

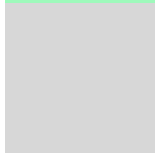
220.0010, -37.2720, -18.3600

Monochromacy



Original Color

214.7230, -34.3340, -38.5740



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

214.6250, -12.6060, -13.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.7230, -34.3340, -38.5740 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(158, 249, 187)` looks like.

```
.text, #text, p{  
    color:rgb(158, 249, 187)  
}
```

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(158, 249, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 249, 187) }
```

Border

The CSS property to change the border of an element to YIQ 214.7230, -34.3340, -38.5740 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(158, 249, 187) }
```


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

```
.border{ border-color:rgb(158, 249, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 249, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 249, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 249, 187); box-shadow:4px 4px 4px 4px rgb(158, 249, 187) }
```

Background

The CSS property to change the background color of an element to YIQ 214.7230, -34.3340, -38.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 249, 187) }
```

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

```
.background{ background-color: rgb(158,  
249, 187) }
```

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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