

Converting Colors

YIQ(212.8610, -35.2030,
-50.3630)

Have a look what the booklet for
YIQ(212.8610, -35.2030, -50.3630)
contains.

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Color

**YIQ(212.8610, -35.2030,
-50.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	94FFA6
RGB	148, 255, 166
RGB Percent	58%, 100%, 65%
CMY	0.4199, 0.0000, 0.3491
CMYK	0.42, 0.00, 0.35, 0.00
HSL	130°, 100%, 79%
HSV	130°, 42%, 100%
XYZ	54.8397, 80.5610, 48.7272
YIQ	212.8610, -35.2030, -50.3630

Conversions

Conversions Part 2

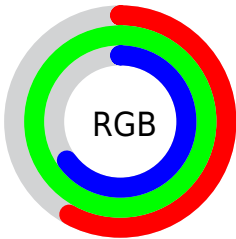
Format	Color
RYB	148, 240, 255
Decimal	9764774
CIELab	91.94, -48.99, 33.12
CIELCh	92, 59.133, 145.942
Yxy	80.5610, 0.2978, 0.4375
Android (android.graphics.Color)	4287954854 (0xFF94FFA6)
YUV	212.8610, -23.1025, -56.8831
Hunter-Lab	89.7558, -48.0113, 30.6413

Details

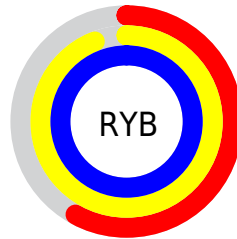
The YIQ color **212.8610, -35.2030, -50.3630** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **190.1390, 35.2030, 50.3630**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5870, -18.6110, -20.6510**, and **156.3170, -36.4870, -49.1190** is the 20% darker color. If you saturate the color by 10%, you get **202.6930, -43.9580, -62.4060**, and if you desaturate by 10%, it is **222.7300, -27.0440, -38.5320**.

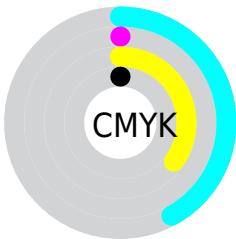
Distribution



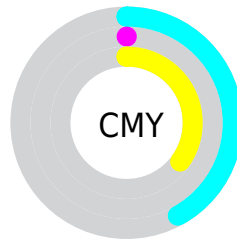
- Red (58%)
- Green (100%)
- Blue (65%)



- Red (58%)
- Yellow (94%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (42%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.8610, -35.2030, -50.3630 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 212.8610, -35.2030, -50.3630 by changing the saturation by 10% instead.

■ 212.8610,
-35.2030, -50.3630

■ 212.8610,
-35.2030, -50.3630

■ 255.0000, -0.0000,
-0.0000

■ 184.0890,
-35.8450, -49.7410

■ 236.5870,
-18.6110, -20.6510

■ 156.0180,
-37.0830, -49.3310

■ 248.4500,
-10.3150, -5.7950

■ 127.7620,
-39.2380, -48.8220

■ 97.7010, -46.4360,
-50.5320

■ 72.6520, -44.7400,
-48.2280

■ 55.1270, -29.8400,
-42.9280

■ 38.7420, -18.1500,

-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 7.6310, -3.5750,
-6.7990

■ 212.8610,
-35.2030, -50.3630

■ 212.8610,
-35.2030, -50.3630

■ 202.6930,
-43.9580, -62.4060

■ 222.7300,
-27.0440, -38.5320

■ 192.8240,
-52.1170, -74.2370

■ 232.8980,
-18.2890, -26.4890

■ 182.5420,
-60.5510, -86.5910

■ 242.8810,
-10.4510, -14.3470

■ 172.6730,
-68.7100, -98.4220

■ 253.0490, -1.6960,
-2.3040

■ 162.5050, 255.0000, -0.0000,
-77.4650, -110.4650 -0.0000

■ 154.5870,
-83.9280, -119.9920

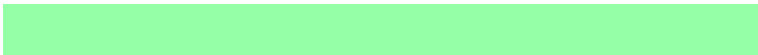
Harmonies

Analogous

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



221.8880, 22.0610, -41.8990



212.8610, -35.2030, -50.3630



179.7770, -131.8510, -60.9310

Triad

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



212.8610, -35.2030, -50.3630



204.9330, -78.1230, -21.4110



208.2780, 40.6200, 12.7480

Complementary

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



212.8610, -35.2030, -50.3630



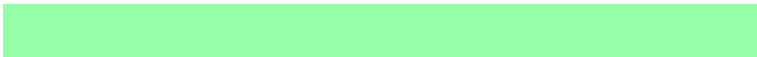
190.1390, 35.2030, 50.3630

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.



213.0150, 23.1480, 32.0440



212.8610, -35.2030, -50.3630



225.4850, -8.2550, 11.9450

Square

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



212.8610, -35.2030, -50.3630



178.1680, -151.7050, -53.5370



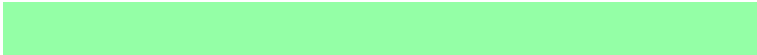
222.1280, 15.4000, 29.2880



213.0130, 50.7110, -10.4490

Rectangle

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



212.8610, -35.2030, -50.3630



178.7550, -151.9800, -54.0600



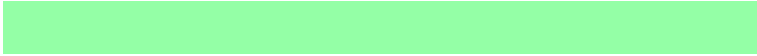
222.1280, 15.4000, 29.2880



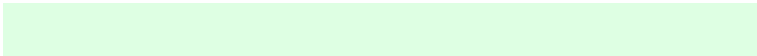
208.6830, 35.3460, 20.2260

Sweetspot

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



212.8610, -35.2030, -50.3630



241.9410, -10.6800, -15.7040



237.4200, 23.6190, -37.0930



119.7830, -7.0590, -9.7390



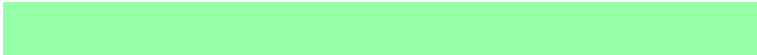
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

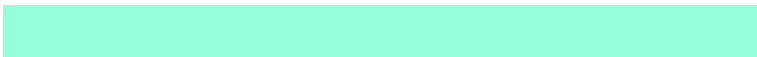
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212.8610, -35.2030, -50.3630



204.9430, -41.6660, -59.8900



218.9030, -52.2160, -33.8800



122.8590, -4.2170, -6.1770



115.7650, -62.7970, -89.9410



38.8220, -21.1310, -30.0510

Inverse Universe

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



190.1390, 35.2030, 50.3630



177.9430, 41.9870, 59.5790



184.0970, 52.2160, 33.8800



120.0270, 4.5380, 5.8660



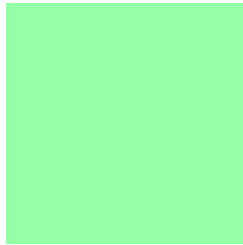
75.2350, 62.7970, 89.9410



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 212.8610, -35.2030, -50.3630 looks on a white background.

Color Contrast Check

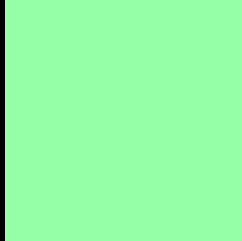
Large Text (above 18pt) WCAG AA × Fail

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 212.8610, -35.2030, -50.3630 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 212.8610, -35.2030, -50.3630 Background



This preview shows how black text looks on a background with the YIQ color 212.8610, -35.2030, -50.3630.



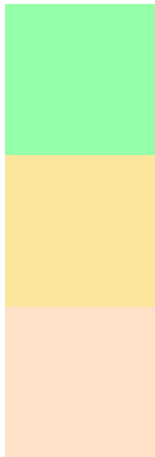
This preview shows how white text looks on a background with the YIQ color 212.8610, -35.2030, -50.3630.

-50.3630.

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

212.8610, -35.2030, -50.3630

Protanopia

227.5440, 35.6740, -18.7740

Deuteranopia

231.1200, 25.9050, -1.4150



Tritanopia

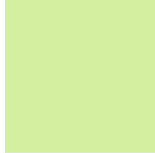
225.8630, -36.4030, -6.5710

Trichromacy



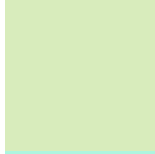
Original Color

212.8610, -35.2030, -50.3630



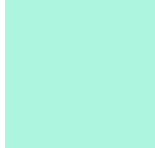
Protanomaly

222.2200, 9.8630, -30.0810



Deuteranomaly

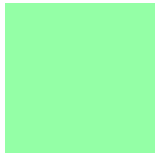
224.5480, 3.4880, -19.1680



Tritanomaly

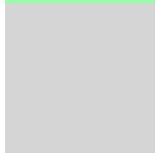
220.9640, -35.8500, -22.1060

Monochromacy



Original Color

212.8610, -35.2030, -50.3630



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

212.6910, -12.9720, -18.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8610, -35.2030, -50.3630 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(148, 255, 166)` looks like.

```
.text, #text, p{  
    color:rgb(148, 255, 166)  
}
```

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(148, 255, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 255, 166) }
```

Border

The CSS property to change the border of an element to YIQ 212.8610, -35.2030, -50.3630 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(148, 255, 166) }
```


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

```
.border{ border-color:rgb(148, 255, 166) }
```

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

Here you see how a box with a 4 pixel rgb(148, 255, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 255, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 255, 166);  
box-shadow:4px 4px 4px 4px rgb(148, 255,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8610, -35.2030, -50.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 255, 166) }
```

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

```
.background{ background-color: rgb(148,  
255, 166) }
```

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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