

Converting Colors

YIQ(212.8760, -39.5590,
-48.5110)

Have a look what the booklet for
YIQ(212.8760, -39.5590, -48.5110)
contains.

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Color

**YIQ(212.8760, -39.5590,
-48.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	91FFAE
RGB	145, 255, 174
RGB Percent	57%, 100%, 68%
CMY	0.4317, 0.0000, 0.3177
CMYK	0.43, 0.00, 0.32, 0.00
HSL	136°, 100%, 78%
HSV	136°, 43%, 100%
XYZ	55.0607, 80.5876, 52.6851
YIQ	212.8760, -39.5590, -48.5110

Conversions

Conversions Part 2

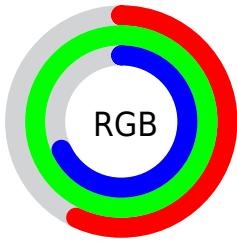
Format	Color
RYB	145, 232, 255
Decimal	9568174
CIELab	91.95, -48.48, 29.10
CIELCh	92, 56.547, 149.025
Yxy	80.5876, 0.2924, 0.4279
Android (android.graphics.Color)	4287758254 (0xFF91FFAE)
YUV	212.8760, -19.1659, -59.5273
Hunter-Lab	89.7706, -47.6158, 28.0430

Details

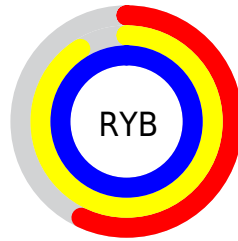
The YIQ color **212.8760, -39.5590, -48.5110** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **187.1240, 39.5590, 48.5110**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6020, -22.9670, -18.7990**, and **156.0330, -41.4390, -47.4790** is the 20% darker color. If you saturate the color by 10%, you get **202.9360, -48.9560, -59.9320**, and if you desaturate by 10%, it is **222.5170, -30.7580, -37.3020**.

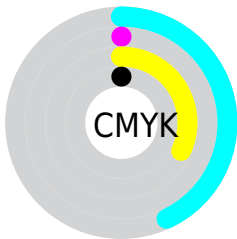
Distribution



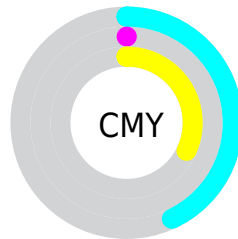
- Red (57%)
- Green (100%)
- Blue (68%)



- Red (57%)
- Yellow (91%)
- Blue (100%)



- Cyan (43%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (43%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.8760, -39.5590, -48.5110 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 212.8760, -39.5590, -48.5110 by changing the saturation by 10% instead.

■ 212.8760,
-39.5590, -48.5110

■ 212.8760,
-39.5590, -48.5110

■ 255.0000, -0.0000,
-0.0000

■ 184.1040,
-40.2010, -47.8890

■ 236.6020,
-22.9670, -18.7990

■ 156.0330,
-41.4390, -47.4790

■ 248.4220,
-13.1120, -4.6640

■ 127.4780,
-44.1900, -47.1820

■ 96.2210, -53.7720,
-49.7400

■ 73.5640, -47.3080,
-45.7400

■ 56.1530, -32.7290,
-40.1290

■ 38.7420, -18.1500,

-34.5180

■ 25.8280, -12.1000,
-23.0120

■ 7.6310, -3.5750,
-6.7990

■ 212.8760,
-39.5590, -48.5110

■ 212.8760,
-39.5590, -48.5110

■ 202.9360,
-48.9560, -59.9320

■ 222.5170,
-30.7580, -37.3020

■ 193.2950,
-57.7570, -71.1410

■ 232.4570,
-21.3610, -25.8810

■ 183.4690,
-67.4750, -82.2510

■ 241.9840,
-12.2390, -14.9830

■ 173.8280,
-76.2760, -93.4600

■ 251.9240, -2.8420,
-3.5620

■ 163.8880, 255.0000, -0.0000,
-85.6730, -104.8810 -0.0000

■ 157.3230,
-91.6320, -112.5280

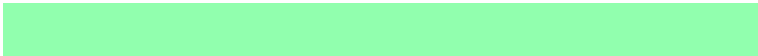
Harmonies

Analogous

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



221.8920, 16.2380, -40.9940



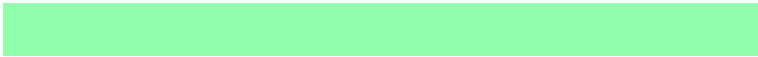
212.8760, -39.5590, -48.5110



184.6470, -125.4330, -56.0970

Triad

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



212.8760, -39.5590, -48.5110



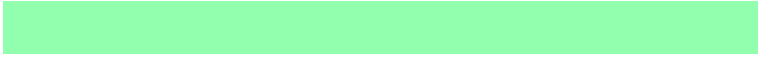
210.3370, -64.4610, -15.7010



209.6970, 40.7580, 10.2460

Complementary

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



212.8760, -39.5590, -48.5110



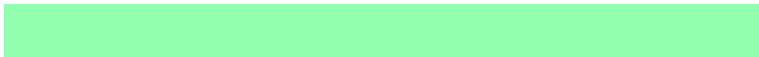
187.1240, 39.5590, 48.5110

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.



213.5050, 24.5240, 29.1320



212.8760, -39.5590, -48.5110



227.0020, -2.3410, 14.8990

Square

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



212.8760, -39.5590, -48.5110



176.9940, -151.1550, -52.4910



222.1280, 15.4000, 29.2880



214.8880, 49.5650, -11.7070

Rectangle

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



212.8760, -39.5590, -48.5110



178.7550, -151.9800, -54.0600



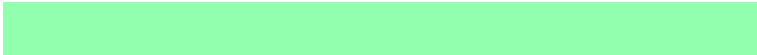
222.1280, 15.4000, 29.2880



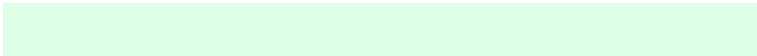
209.8740, 36.1260, 17.1020

Sweetspot

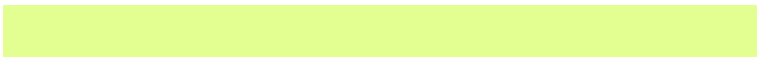
The Sweet Spot groups the original color and five complimentary colors.



212.8760, -39.5590, -48.5110



242.3970, -11.9640, -14.4600



234.0880, 18.6220, -40.1460



119.8970, -7.3800, -9.4280



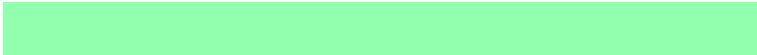
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



212.8760, -39.5590, -48.5110



204.0610, -47.8100, -58.6740



218.9180, -56.5720, -32.0280



122.9730, -4.5380, -5.8660



117.8170, -68.5750, -84.3430



39.5060, -23.0570, -28.1850

Inverse Universe

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



187.1240, 39.5590, 48.5110



172.9390, 47.8100, 58.6740



180.9680, 56.8930, 31.7170



119.9130, 4.8590, 5.5550



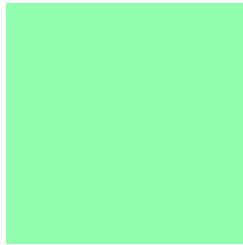
73.1830, 68.5750, 84.3430



24.4940, 23.0570, 28.1850

Previews

White Background



This preview shows how the YIQ color 212.8760, -39.5590, -48.5110 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 212.8760, -39.5590, -48.5110 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 212.8760, -39.5590, -48.5110 Background



This preview shows how black text looks on a background with the YIQ color 212.8760, -39.5590, -48.5110.



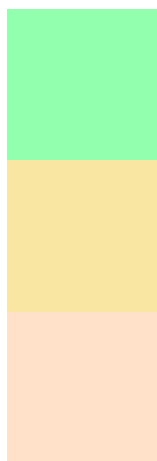
This preview shows how white text looks on a background with the YIQ color 212.8760, -39.5590, -48.5110.

-48.5110.

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

212.8760, -39.5590, -48.5110

Protanopia

228.0430, 32.8310, -16.8090

Deuteranopia

231.3480, 25.2630, -0.7930



Tritanopia

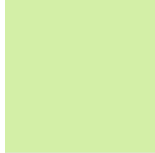
225.2650, -37.5950, -6.9950

Trichromacy



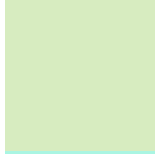
Original Color

212.8760, -39.5590, -48.5110



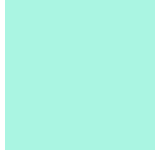
Protanomaly

222.4200, 6.4240, -28.3280



Deuteranomaly

224.7050, 1.6080, -18.1360



Tritanomaly

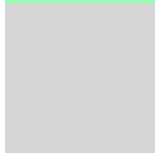
220.4090, -38.6010, -21.8090

Monochromacy



Original Color

212.8760, -39.5590, -48.5110



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

212.7340, -14.5310, -17.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.8760, -39.5590, -48.5110 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(145, 255, 174)` looks like.

```
.text, #text, p{  
    color:rgb(145, 255, 174)  
}
```

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(145, 255, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 255, 174) }
```

Border

The CSS property to change the border of an element to YIQ 212.8760, -39.5590, -48.5110 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(145, 255, 174) }
```


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

```
.border{ border-color:rgb(145, 255, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 255, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(145, 255,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 212.8760, -39.5590, -48.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 255, 174) }
```

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

```
.background{ background-color: rgb(145,  
255, 174) }
```

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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