

Converting Colors

YIQ(213.5470, -48.6380,
-43.6620)

Have a look what the booklet for
YIQ(213.5470, -48.6380, -43.6620)
contains.

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Color

**YIQ(213.5470, -48.6380,
-43.6620)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFFC1
RGB	140, 255, 193
RGB Percent	55%, 100%, 76%
CMY	0.4513, 0.0000, 0.2433
CMYK	0.45, 0.00, 0.24, 0.00
HSL	148°, 100%, 77%
HSV	148°, 45%, 100%
XYZ	56.1833, 80.9371, 63.0917
YIQ	213.5470, -48.6380, -43.6620

Conversions

Conversions Part 2

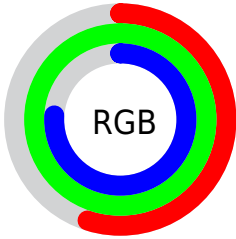
Format	Color
RYB	140, 219, 255
Decimal	9240513
CIELab	92.10, -46.34, 19.65
CIELCh	92, 50.334, 157.024
Yxy	80.9371, 0.2806, 0.4043
Android (android.graphics.Color)	4287430593 (0xFF8CFFC1)
YUV	213.5470, -10.1297, -64.5007
Hunter-Lab	89.9651, -45.9654, 21.3960

Details

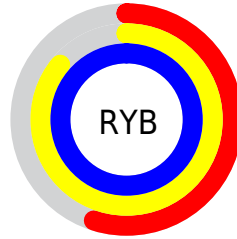
The YIQ color **213.5470, -48.6380, -43.6620** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **181.4530, 48.6380, 43.6620**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3870, -32.3670, -13.6390**, and **156.2910, -50.7930, -43.1530** is the 20% darker color. If you saturate the color by 10%, you get **204.1770, -59.6400, -53.5280**, and if you desaturate by 10%, it is **222.6180, -38.2320, -34.0080**.

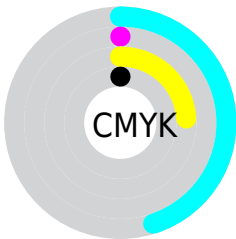
Distribution



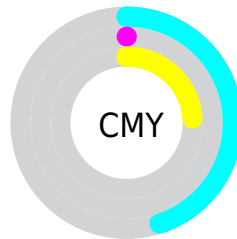
- Red (55%)
- Green (100%)
- Blue (76%)



- Red (55%)
- Yellow (86%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (45%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5470, -48.6380, -43.6620 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 213.5470, -48.6380, -43.6620 by changing the saturation by 10% instead.


 213.5470,
-48.6380, -43.6620


 213.5470,
-48.6380, -43.6620

255.0000, -0.0000,
-0.0000


 184.7750,
-49.2800, -43.0400


 237.3870,
-32.3670, -13.6390


 156.2910,
-50.7930, -43.1530

 246.9270,
-16.0920, -5.7240

 127.4370,
-54.1400, -43.0680

 94.0870, -67.8940,
-47.1100

 75.5020, -52.7650,
-40.4530

 58.3190, -38.8280,
-34.2200

 41.1360, -24.8910,

-27.9870

■ 25.8280, -12.1000,
-23.0120

■ 8.2180, -3.8500,
-7.3220

■ 213.5470,
-48.6380, -43.6620

■ 213.5470,
-48.6380, -43.6620

■ 204.1770,
-59.6400, -53.5280

■ 222.6180,
-38.2320, -34.0080

■ 195.1060,
-70.0460, -63.1820

■ 231.8740,
-26.9090, -24.4530

■ 185.8500,
-81.3690, -72.7370

■ 240.9450,
-16.5030, -14.7990

■ 176.7790,
-91.7750, -82.3910

■ 250.3150, -5.5010,
-4.9330

■ 167.4090,
-102.7770, -92.2570

255.0000, -0.0000,
-0.0000

■ 163.1370,
-108.0030, -96.6670

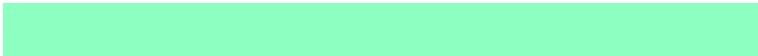
Harmonies

Analogous

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



222.5300, 2.7580, -38.9860



213.5470, -48.6380, -43.6620



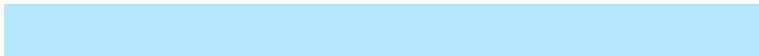
195.3270, -112.3680, -45.0720

Triad

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



213.5470, -48.6380, -43.6620



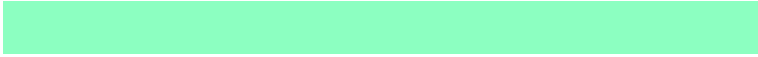
219.3620, -39.2460, -4.6060



214.2960, 40.2090, 3.6730

Complementary

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



213.5470, -48.6380, -43.6620



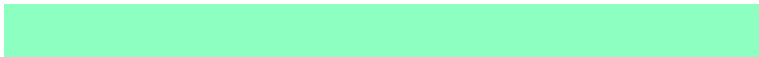
181.4530, 48.6380, 43.6620

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.



215.5450, 27.0470, 21.9510



213.5470, -48.6380, -43.6620



231.5090, 9.5330, 19.9730

Square

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



213.5470, -48.6380, -43.6620



200.0610, -99.3950, -32.3790



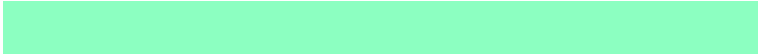
222.7150, 15.1250, 28.7650



219.4530, 46.3560, -14.1240

Rectangle

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



213.5470, -48.6380, -43.6620



178.7550, -151.9800, -54.0600



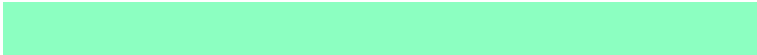
222.7150, 15.1250, 28.7650



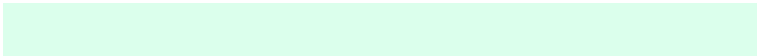
213.6580, 36.4940, 10.4300

Sweetspot

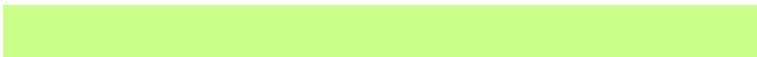
The Sweet Spot groups the original color and five complimentary colors.



213.5470, -48.6380, -43.6620



242.0700, -15.3570, -13.5410



226.3420, 5.9230, -46.7890



120.0540, -9.2600, -8.3960



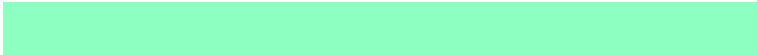
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

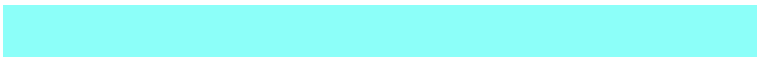
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.5470, -48.6380, -43.6620



205.3020, -58.4940, -52.2700



219.9310, -66.6140, -26.2460



123.3150, -5.5010, -4.9330



122.1490, -80.7730, -72.5250



40.8740, -26.9090, -24.4530

Inverse Universe

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



181.4530, 48.6380, 43.6620



166.8120, 58.1730, 52.5810



175.0690, 66.6140, 26.2460



119.6850, 5.5010, 4.9330



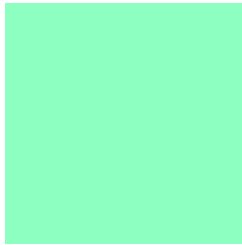
68.8510, 80.7730, 72.5250



23.0120, 27.2300, 24.1420

Previews

White Background



This preview shows how the YIQ color 213.5470, -48.6380, -43.6620 looks on a white background.

Color Contrast Check

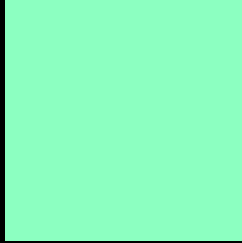
Large Text (above 18pt) WCAG AA × Fail

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 213.5470, -48.6380, -43.6620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

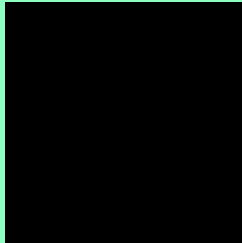
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

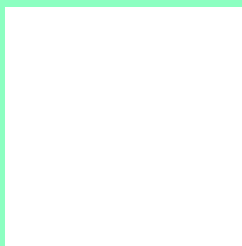
Any Text WCAG AAA ✓ Pass

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

YIQ 213.5470, -48.6380, -43.6620 Background



This preview shows how black text looks on a background with the YIQ color 213.5470, -48.6380, -43.6620.



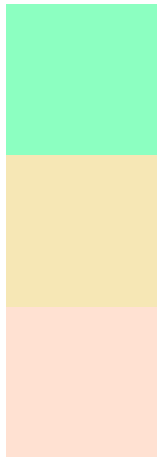
This preview shows how white text looks on a background with the YIQ color 213.5470, -48.6380, -43.6620.

-43.6620.

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

213.5470, -48.6380, -43.6620

Protanopia

229.7850, 24.9900, -12.3700

Deuteranopia

232.2600, 22.6950, 1.6950



Tritanopia

225.8520, -37.8700, -7.5180

Trichromacy



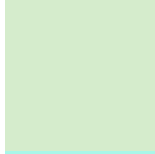
Original Color

213.5470, -48.6380, -43.6620



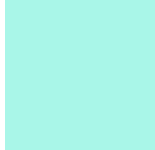
Protanomaly

223.8630, -2.0130, -24.1010



Deuteranomaly

225.4750, -3.4360, -14.8280



Tritanomaly

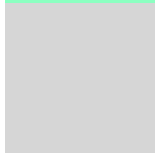
221.3810, -41.3980, -20.6780

Monochromacy



Original Color

213.5470, -48.6380, -43.6620



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

213.8200, -17.6490, -16.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5470, -48.6380, -43.6620 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(140, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 193)  
}
```

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(140, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 193) }
```

Border

The CSS property to change the border of an element to YIQ 213.5470, -48.6380, -43.6620 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(140, 255, 193) }
```


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

```
.border{ border-color:rgb(140, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5470, -48.6380, -43.6620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 255, 193) }
```

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

```
.background{ background-color: rgb(140,  
255, 193) }
```

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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