

Converting Colors

YIQ(212.9770, -47.0330,
-45.2170)

Have a look what the booklet for
YIQ(212.9770, -47.0330, -45.2170)
contains.

YIQ(212.9770, -47.0330, -45.2170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(212.9770, -47.0330,
-45.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFFBC
RGB	140, 255, 188
RGB Percent	55%, 100%, 74%
CMY	0.4513, 0.0000, 0.2629
CMYK	0.45, 0.00, 0.26, 0.00
HSL	145°, 100%, 77%
HSV	145°, 45%, 100%
XYZ	55.6351, 80.7178, 60.2054
YIQ	212.9770, -47.0330, -45.2170

Conversions

Conversions Part 2

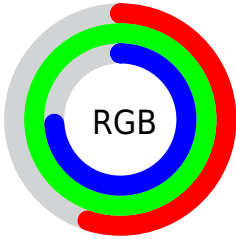
Format	Color
RYB	140, 221, 255
Decimal	9240508
CIELab	92.01, -47.29, 22.06
CIELCh	92, 52.182, 154.989
Yxy	80.7178, 0.2830, 0.4107
Android (android.graphics.Color)	4287430588 (0xFF8CFFBC)
YUV	212.9770, -12.3137, -64.0008
Hunter-Lab	89.8431, -46.6898, 23.1590

Details

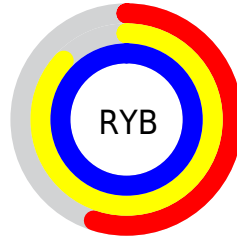
The YIQ color **212.9770, -47.0330, -45.2170** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **182.0230, 47.0330, 45.2170**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7030, -30.4410, -15.5050**, and **155.7210, -49.1880, -44.7080** is the 20% darker color. If you saturate the color by 10%, you get **203.4930, -57.7140, -55.3940**, and if you desaturate by 10%, it is **222.1620, -36.9480, -35.2520**.

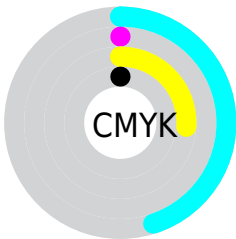
Distribution



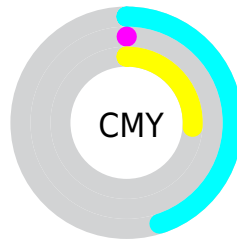
- Red (55%)
- Green (100%)
- Blue (74%)



- Red (55%)
- Yellow (87%)
- Blue (100%)



- Cyan (45%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (45%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.9770, -47.0330, -45.2170 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 212.9770, -47.0330, -45.2170 by changing the saturation by 10% instead.

■ 212.9770,
-47.0330, -45.2170

■ 212.9770,
-47.0330, -45.2170

■ 255.0000, -0.0000,
-0.0000

■ 184.2050,
-47.6750, -44.5950

■ 236.7030,
-30.4410, -15.5050

■ 155.7210,
-49.1880, -44.7080

■ 246.9270,
-16.0920, -5.7240

■ 126.8670,
-52.5350, -44.6230

■ 93.5170, -66.2890,
-48.6650

■ 75.0460, -51.4810,
-41.6970

■ 57.7490, -37.2230,
-35.7750

■ 40.5660, -23.2860,

-29.5420

■ 25.8280, -12.1000,
-23.0120

■ 7.6310, -3.5750,
-6.7990

■ 212.9770,
-47.0330, -45.2170

■ 212.9770,
-47.0330, -45.2170

■ 203.4930,
-57.7140, -55.3940

■ 222.1620,
-36.9480, -35.2520

■ 194.3080,
-67.7990, -65.3590

■ 231.6460,
-26.2670, -25.0750

■ 184.8240,
-78.4800, -75.5360

■ 240.8310,
-16.1820, -15.1100

■ 175.7530,
-88.8860, -85.1900

■ 250.2010, -5.1800,
-5.2440

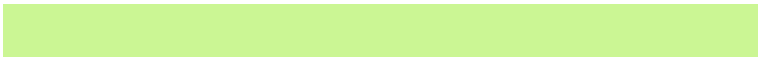
■ 166.2690, 255.0000, -0.0000,
-99.5670, -95.3670 -0.0000

■ 161.7690,
-104.1510, -100.3990

Harmonies

Analogous

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



221.9710, 5.8300, -39.5940



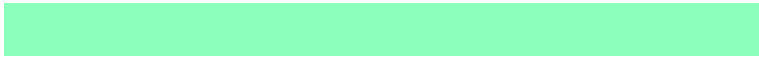
212.9770, -47.0330, -45.2170



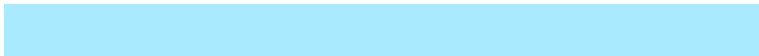
191.5820, -117.6400, -48.6480

Triad

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



212.9770, -47.0330, -45.2170



217.2580, -44.8850, -7.0370



213.2360, 40.4380, 5.0300

Complementary

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



212.9770, -47.0330, -45.2170



182.0230, 47.0330, 45.2170

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.



214.7130, 26.6340, 23.9300



212.9770, -47.0330, -45.2170



230.0140, 6.5530, 18.9130

Square

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



212.9770, -47.0330, -45.2170



192.8740, -115.1660, -38.4140



222.1280, 15.4000, 29.2880



218.0510, 47.5480, -13.7000

Rectangle

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



212.9770, -47.0330, -45.2170



178.7550, -151.9800, -54.0600



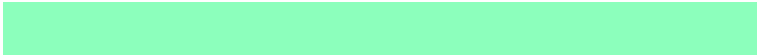
222.1280, 15.4000, 29.2880



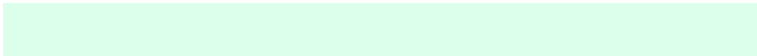
212.5980, 36.7230, 11.7870

Sweetspot

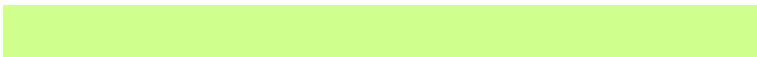
The Sweet Spot groups the original color and five complimentary colors.



212.9770, -47.0330, -45.2170



241.8420, -14.7150, -14.1630



227.5380, 8.3070, -45.9410



119.9400, -8.9390, -8.7070



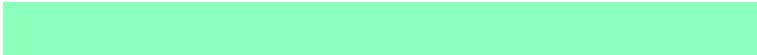
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



212.9770, -47.0330, -45.2170



204.6180, -56.5680, -54.1360



219.4750, -65.3300, -27.4900



123.2010, -5.1800, -5.2440



121.2370, -78.2050, -75.0130



40.6460, -26.2670, -25.0750

Inverse Universe

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



182.0230, 47.0330, 45.2170



167.4960, 56.2470, 54.4470



175.5250, 65.3300, 27.4900



119.6850, 5.5010, 4.9330



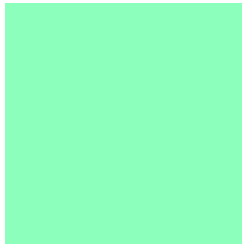
69.7630, 78.2050, 75.0130



23.3540, 26.2670, 25.0750

Previews

White Background



This preview shows how the YIQ color 212.9770, -47.0330, -45.2170 looks on a white background.

Color Contrast Check

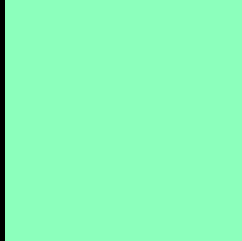
Large Text (above 18pt) WCAG AA × Fail

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 212.9770, -47.0330, -45.2170 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 212.9770, -47.0330, -45.2170 Background



This preview shows how black text looks on a background with the YIQ color 212.9770, -47.0330, -45.2170.



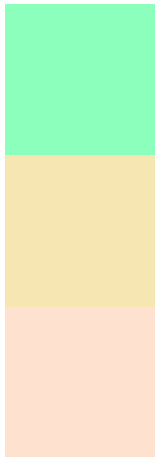
This preview shows how white text looks on a background with the YIQ color 212.9770, -47.0330, -45.2170.

-45.2170.

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

212.9770, -47.0330, -45.2170

Protanopia

228.7420, 26.5490, -13.0910

Deuteranopia

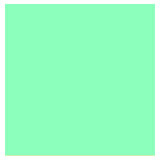
231.9180, 23.6580, 0.7620



Tritanopia

225.5530, -38.4660, -7.7300

Trichromacy



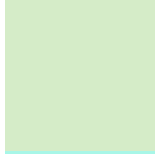
Original Color

212.9770, -47.0330, -45.2170



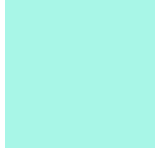
Protanomaly

222.8200, -0.4540, -24.8220



Deuteranomaly

225.0190, -2.1520, -16.0720



Tritanomaly

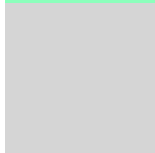
220.9680, -41.6730, -21.2010

Monochromacy



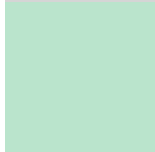
Original Color

212.9770, -47.0330, -45.2170



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

212.7060, -17.3280, -16.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.9770, -47.0330, -45.2170 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 188) }
```

Border

The CSS property to change the border of an element to YIQ 212.9770, -47.0330, -45.2170 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, 188) }
```


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

```
.border{ border-color:rgb(140, 255, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 212.9770, -47.0330, -45.2170 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, 188) }
```

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

```
.background{ background-color: rgb(140,  
255, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor