

Converting Colors

YIQ(213.7750, -49.2800,
-43.0400)

Have a look what the booklet for
YIQ(213.7750, -49.2800, -43.0400)
contains.

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Color

**YIQ(213.7750, -49.2800,
-43.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	8CFFC3
RGB	140, 255, 195
RGB Percent	55%, 100%, 76%
CMY	0.4513, 0.0000, 0.2354
CMYK	0.45, 0.00, 0.24, 0.00
HSL	149°, 100%, 77%
HSV	149°, 45%, 100%
XYZ	56.4079, 81.0270, 64.2740
YIQ	213.7750, -49.2800, -43.0400

Conversions

Conversions Part 2

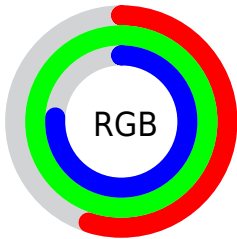
Format	Color
RYB	140, 218, 255
Decimal	9240515
CIELab	92.14, -45.95, 18.68
CIELCh	92, 49.607, 157.877
Yxy	81.0270, 0.2797, 0.4017
Android (android.graphics.Color)	4287430595 (0xFF8CFFC3)
YUV	213.7750, -9.2561, -64.7007
Hunter-Lab	90.0150, -45.6692, 20.6753

Details

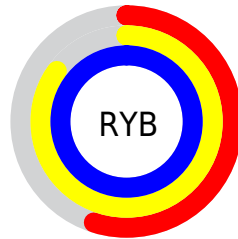
The YIQ color **213.7750, -49.2800, -43.0400** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **181.2250, 49.2800, 43.0400**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6150, -33.0090, -13.0170**, and **156.5190, -51.4350, -42.5310** is the 20% darker color. If you saturate the color by 10%, you get **204.5190, -60.6030, -52.5950**, and if you desaturate by 10%, it is **222.7320, -38.5530, -33.6970**.

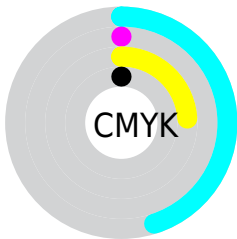
Distribution



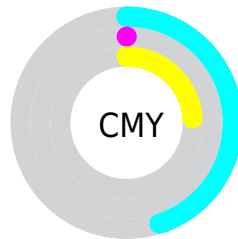
- Red (55%)
- Green (100%)
- Blue (76%)



- Red (55%)
- Yellow (85%)
- 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 213.7750, -49.2800, -43.0400 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 213.7750, -49.2800, -43.0400 by changing the saturation by 10% instead.

 213.7750,
-49.2800, -43.0400


 213.7750,
-49.2800, -43.0400


255.0000, -0.0000,
-0.0000


 185.0030,
-49.9220, -42.4180


 237.6150,
-33.0090, -13.0170


 156.5190,
-51.4350, -42.5310

 246.9270,
-16.0920, -5.7240

 127.5510,
-54.4610, -42.7570

 94.3150, -68.5360,
-46.4880

 75.7300, -53.4070,
-39.8310

 58.4330, -39.1490,
-33.9090

 41.3640, -25.5330,

-27.3650

■ 25.8280, -12.1000,
-23.0120

■ 8.2180, -3.8500,
-7.3220

■ 213.7750,
-49.2800, -43.0400

■ 213.7750,
-49.2800, -43.0400

■ 204.5190,
-60.6030, -52.5950

■ 222.7320,
-38.5530, -33.6970

■ 195.4480,
-71.0090, -62.2490

■ 232.1020,
-27.5510, -23.8310

■ 186.1920,
-82.3320, -71.8040

■ 241.0590,
-16.8240, -14.4880

■ 177.2350,
-93.0590, -81.1470

■ 250.3150, -5.5010,
-4.9330

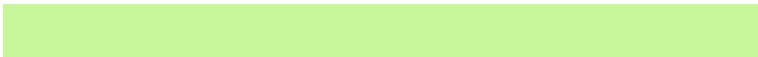
■ 167.8650, 255.0000, -0.0000,
-104.0610, -91.0130 -0.0000

■ 163.5930,
-109.2870, -95.4230

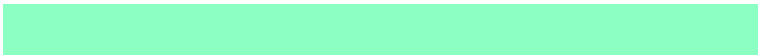
Harmonies

Analogous

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



222.4590, 1.5200, -38.5760



213.7750, -49.2800, -43.0400



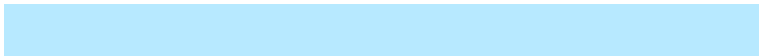
196.6370, -110.3050, -43.9130

Triad

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



213.7750, -49.2800, -43.0400



220.5580, -36.8620, -3.7580



214.8830, 39.9340, 3.1500

Complementary

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



213.7750, -49.2800, -43.0400



181.2250, 49.2800, 43.0400

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.



216.0180, 27.0930, 21.1170



213.7750, -49.2800, -43.0400



231.2210, 10.4040, 20.7080

Square

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



213.7750, -49.2800, -43.0400



201.8660, -94.3520, -30.1600



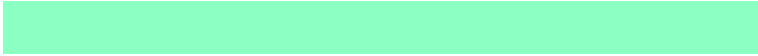
222.7150, 15.1250, 28.7650



220.1540, 45.7600, -14.3360

Rectangle

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



213.7750, -49.2800, -43.0400



178.7550, -151.9800, -54.0600



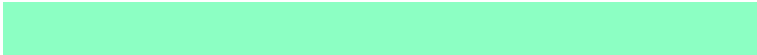
222.7150, 15.1250, 28.7650



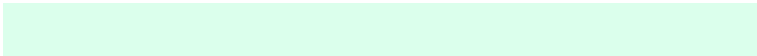
214.1310, 36.5400, 9.5960

Sweetspot

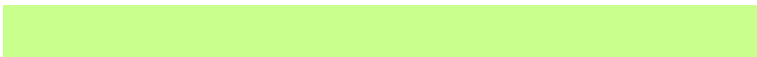
The Sweet Spot groups the original color and five complimentary colors.



213.7750, -49.2800, -43.0400



242.0700, -15.3570, -13.5410



225.7440, 4.7310, -47.2130



120.0540, -9.2600, -8.3960



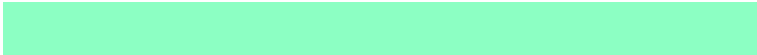
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

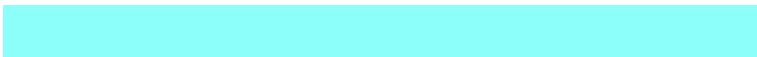
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213.7750, -49.2800, -43.0400



205.5300, -59.1360, -51.6480



220.1590, -67.2560, -25.6240



123.3150, -5.5010, -4.9330



122.4910, -81.7360, -71.5920



40.9880, -27.2300, -24.1420

Inverse Universe

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



181.2250, 49.2800, 43.0400



166.4700, 59.1360, 51.6480



174.8410, 67.2560, 25.6240



119.5710, 5.8220, 4.6220



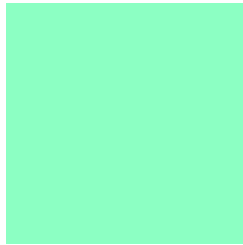
68.5090, 81.7360, 71.5920



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 213.7750, -49.2800, -43.0400 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 213.7750, -49.2800, -43.0400 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

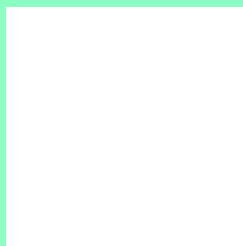
Any Text WCAG AAA ✓ Pass

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

YIQ 213.7750, -49.2800, -43.0400 Background



This preview shows how black text looks on a background with the YIQ color 213.7750, -49.2800, -43.0400.



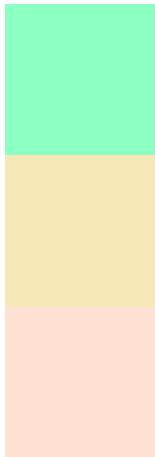
This preview shows how white text looks on a background with the YIQ color 213.7750, -49.2800, -43.0400.

-43.0400.

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

213.7750, -49.2800, -43.0400

Protanopia

230.0130, 24.3480, -11.7480

Deuteranopia

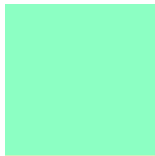
232.3740, 22.3740, 2.0060



Tritanopia

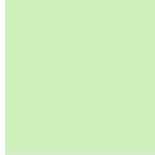
225.8520, -37.8700, -7.5180

Trichromacy



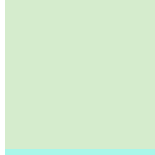
Original Color

213.7750, -49.2800, -43.0400



Protanomaly

224.0910, -2.6550, -23.4790



Deuteranomaly

225.5890, -3.7570, -14.5170



Tritanomaly

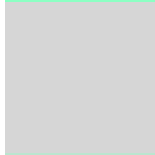
221.4950, -41.7190, -20.3670

Monochromacy



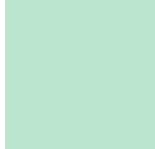
Original Color

213.7750, -49.2800, -43.0400



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

213.9340, -17.9700, -15.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.7750, -49.2800, -43.0400 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(140, 255, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 255, 195) }
```

Border

The CSS property to change the border of an element to YIQ 213.7750, -49.2800, -43.0400 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, 195) }
```


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

```
.border{ border-color:rgb(140, 255, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(140, 255,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 213.7750, -49.2800, -43.0400 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, 195) }
```

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

```
.background{ background-color: rgb(140,  
255, 195) }
```

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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