

Converting Colors

YIQ(217.8750, -37.8180,
-41.5140)

Have a look what the booklet for
YIQ(217.8750, -37.8180, -41.5140)
contains.

YIQ(217.8750, -37.8180, -41.5140)	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(217.8750, -37.8180,
-41.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFFBD
RGB	156, 255, 189
RGB Percent	61%, 100%, 74%
CMY	0.3885, 0.0000, 0.2589
CMYK	0.39, 0.00, 0.26, 0.00
HSL	140°, 100%, 81%
HSV	140°, 39%, 100%
XYZ	58.6392, 82.2539, 60.9157
YIQ	217.8750, -37.8180, -41.5140

Conversions

Conversions Part 2

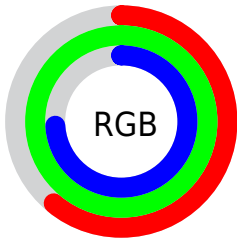
Format	Color
RYB	156, 230, 255
Decimal	10289085
CIELab	92.69, -42.83, 22.59
CIELCh	93, 48.421, 152.187
Yxy	82.2539, 0.2906, 0.4076
Android (android.graphics.Color)	4288479165 (0xFF9CFFBD)
YUV	217.8750, -14.2354, -54.2644
Hunter-Lab	90.6939, -43.3032, 23.6629

Details

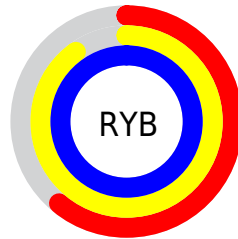
The YIQ color **217.8750, -37.8180, -41.5140** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **193.1250, 37.8180, 41.5140**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6010, -21.2260, -11.8020**, and **161.5160, -38.1850, -40.3690** is the 20% darker color. If you saturate the color by 10%, you get **208.1630, -47.8570, -52.3130**, and if you desaturate by 10%, it is **227.2880, -28.3750, -30.9270**.

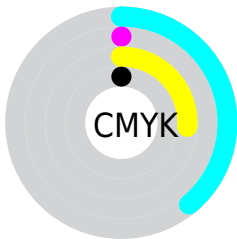
Distribution



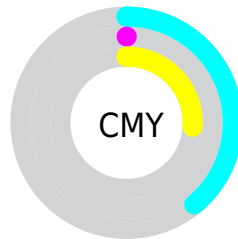
- Red (61%)
- Green (100%)
- Blue (74%)



- Red (61%)
- Yellow (90%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8750, -37.8180, -41.5140 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 217.8750, -37.8180, -41.5140 by changing the saturation by 10% instead.

217.8750,
-37.8180, -41.5140

217.8750,
-37.8180, -41.5140

255.0000, -0.0000,
-0.0000

189.4020,
-37.8640, -40.6800

241.3020,
-21.8220, -12.0140

161.5160,
-38.1850, -40.3690

251.4120, -7.1520,
-2.5440

133.5590,
-39.7440, -39.6480

105.5910,
-42.7700, -39.8740

75.6330, -51.7560,
-42.2200

57.8630, -37.5440,
-35.4640

41.2670, -23.8820,

-29.7540

■ 25.8280, -12.1000,
-23.0120

■ 9.9790, -4.6750,
-8.8910

■ 217.8750,
-37.8180, -41.5140

■ 217.8750,
-37.8180, -41.5140

■ 208.1630,
-47.8570, -52.3130

■ 227.2880,
-28.3750, -30.9270

■ 198.7500,
-57.3000, -62.9000

■ 237.0000,
-18.3360, -20.1280

■ 189.0380,
-67.3390, -73.6990

■ 246.4130, -8.8930,
-9.5410

■ 179.6250,
-76.7820, -84.2860

■ 255.0000, -0.0000,
-0.0000

■ 169.9130,
-86.8210, -95.0850

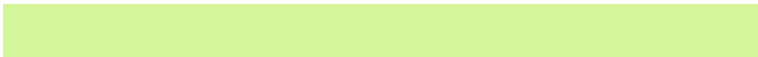
■ 160.5000,
-96.2640, -105.6720

■ 159.3750,
-97.4100, -106.9300

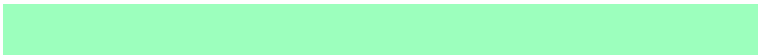
Harmonies

Analogous

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



225.2320, 9.5890, -36.1310



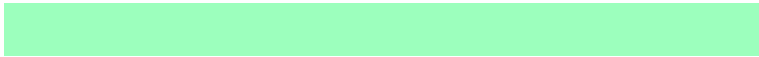
217.8750, -37.8180, -41.5140



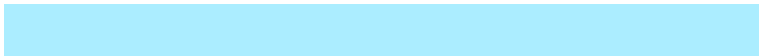
203.4990, -92.2410, -40.8890

Triad

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



217.8750, -37.8180, -41.5140



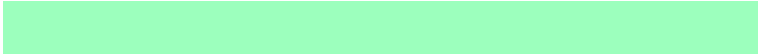
219.3180, -45.1140, -8.3940



216.1370, 36.4030, 6.5710

Complementary

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



217.8750, -37.8180, -41.5140



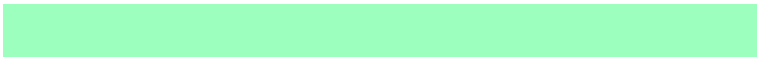
193.1250, 37.8180, 41.5140

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.



218.9190, 23.0580, 22.6580



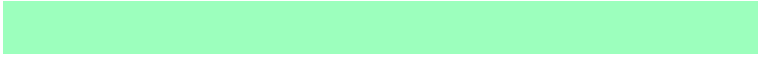
217.8750, -37.8180, -41.5140



231.7530, 2.7940, 15.4500

Square

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



217.8750, -37.8180, -41.5140



201.2350, -99.9450, -33.4250



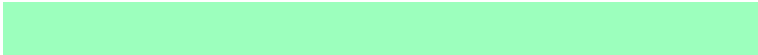
225.6500, 13.7500, 26.1500



220.4790, 43.4670, -11.3250

Rectangle

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



217.8750, -37.8180, -41.5140



189.8180, -129.9280, -46.2160



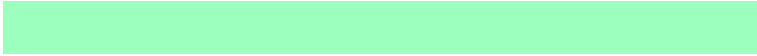
225.6500, 13.7500, 26.1500



215.9720, 32.7340, 12.4940

Sweetspot

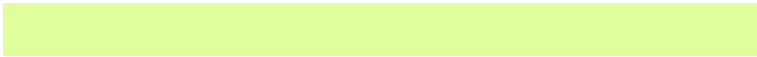
The Sweet Spot groups the original color and five complimentary colors.



217.8750, -37.8180, -41.5140



243.4510, -12.0560, -12.7920



233.8470, 12.1110, -37.7850



121.2500, -6.8760, -7.5480



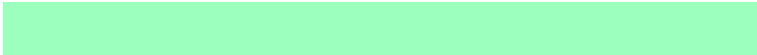
0.0000, 0.0000, 0.0000



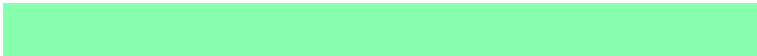
128.0000, -0.0000, -0.0000

Same Dimension

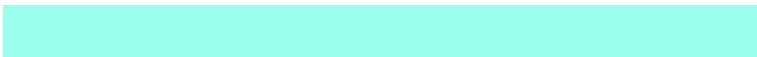
The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.8750, -37.8180, -41.5140



210.0000, -45.8400, -50.3200



223.4610, -53.5470, -26.2750



123.0870, -4.8590, -5.5550



119.4130, -73.0690, -79.9890



39.9620, -24.3410, -26.9410

Inverse Universe

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



193.1250, 37.8180, 41.5140



180.0000, 45.8400, 50.3200



187.4250, 53.8680, 25.9640



119.7990, 5.1800, 5.2440



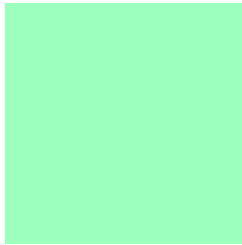
71.5870, 73.0690, 79.9890



23.9240, 24.6620, 26.6300

Previews

White Background



This preview shows how the YIQ color 217.8750, -37.8180, -41.5140 looks on a white background.

Color Contrast Check

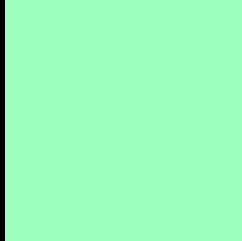
Large Text (above 18pt) WCAG AA × Fail

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 217.8750, -37.8180, -41.5140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

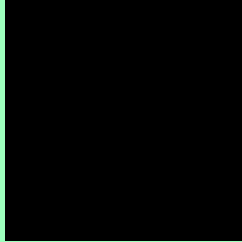
Any Text WCAG AA ✓ Pass

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 217.8750, -37.8180, -41.5140 Background



This preview shows how black text looks on a background with the YIQ color 217.8750, -37.8180, -41.5140.



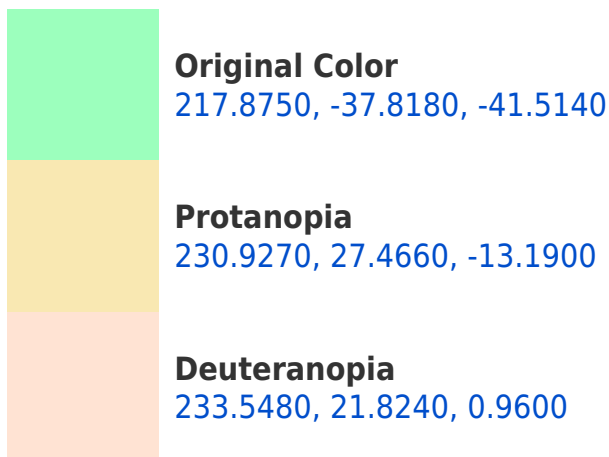
This preview shows how white text looks on a background with the YIQ color 217.8750, -37.8180, -41.5140.

-41.5140.

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

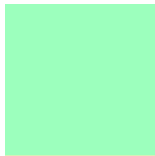




Tritanopia

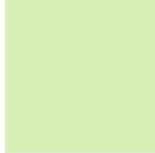
228.5430, -32.5060, -5.6100

Trichromacy



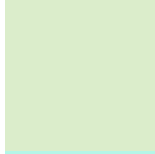
Original Color

217.8750, -37.8180, -41.5140



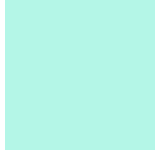
Protanomaly

225.9130, 3.7180, -23.3380



Deuteranomaly

227.7420, 0.1860, -14.3900



Tritanomaly

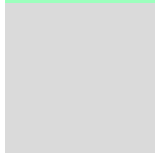
224.5560, -34.5210, -18.6570

Monochromacy



Original Color

217.8750, -37.8180, -41.5140



Achromatopsia

218.0000, -0.0000, 0.0000



Achromatomaly

217.5000, -13.7520, -15.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8750, -37.8180, -41.5140 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(156, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 189)  
}
```

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(156, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 189) }
```

Border

The CSS property to change the border of an element to YIQ 217.8750, -37.8180, -41.5140 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(156, 255, 189) }
```


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

```
.border{ border-color:rgb(156, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(156, 255,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8750, -37.8180, -41.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 189) }
```

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

```
.background{ background-color: rgb(156,  
255, 189) }
```

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