

Converting Colors

YIQ(216.0540, -36.7640,
-38.5880)

Have a look what the booklet for
YIQ(216.0540, -36.7640, -38.5880)
contains.

YIQ(216.0540, -36.7640, -38.5880)	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(216.0540, -36.7640,
-38.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	9DFBBF
RGB	157, 251, 191
RGB Percent	62%, 98%, 75%
CMY	0.3846, 0.0155, 0.2511
CMYK	0.37, 0.00, 0.24, 0.02
HSL	142°, 92%, 80%
HSV	142°, 37%, 98%
XYZ	57.8023, 79.9408, 61.6592
YIQ	216.0540, -36.7640, -38.5880

Conversions

Conversions Part 2

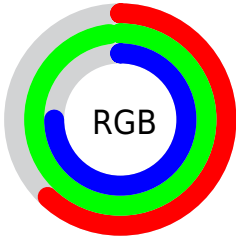
Format	Color
RYB	157, 226, 251
Decimal	10353599
CIELab	91.66, -40.43, 20.15
CIELCh	92, 45.172, 153.506
Yxy	79.9408, 0.2899, 0.4009
Android (android.graphics.Color)	4288543679 (0xFF9DFBBF)
YUV	216.0540, -12.3516, -51.7904
Hunter-Lab	89.4096, -41.0687, 21.6988

Details

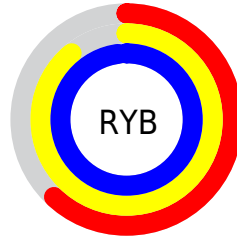
The YIQ color **216.0540, -36.7640, -38.5880** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **191.9460, 36.7640, 38.5880**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.9430, -22.1890, -10.8690**, and **159.6950, -37.1310, -37.4430** is the 20% darker color. If you saturate the color by 10%, you get **206.7550, -46.5280, -48.8640**, and if you desaturate by 10%, it is **225.3530, -27.0000, -28.3120**.

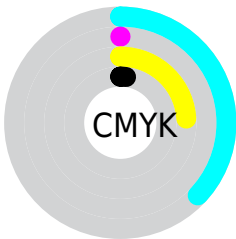
Distribution



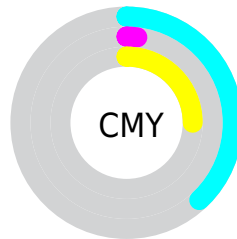
- Red (62%)
- Green (98%)
- Blue (75%)



- Red (62%)
- Yellow (89%)
- Blue (98%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.0540, -36.7640, -38.5880 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 216.0540, -36.7640, -38.5880 by changing the saturation by 10% instead.

■ 216.0540,
-36.7640, -38.5880

■ 216.0540,
-36.7640, -38.5880

255.0000, -0.0000,
-0.0000

■ 187.5810,
-36.8100, -37.7540

■ 241.8290,
-21.8680, -11.1800

■ 159.6950,
-37.1310, -37.4430

■ 251.7110, -6.5560,
-2.3320

■ 132.0370,
-38.0940, -36.5100

■ 104.9550,
-40.7990, -37.0470

■ 74.1000, -51.5730,
-40.0290

■ 56.3300, -37.3610,
-33.2730

■ 39.7340, -23.6990,

-27.5630

■ 24.6540, -11.5500,
-21.9660

■ 6.4570, -3.0250,
-5.7530

■ 216.0540,
-36.7640, -38.5880

■ 216.0540,
-36.7640, -38.5880

■ 206.7550,
-46.5280, -48.8640

■ 225.3530,
-27.0000, -28.3120

■ 197.4560,
-56.2920, -59.1400

■ 234.6520,
-17.2360, -18.0360

■ 188.1570,
-66.0560, -69.4160

■ 243.9510, -7.4720,
-7.7600

■ 178.8580,
-75.8200, -79.6920

■ 252.6520, 1.1000,
2.0920

■ 169.2600,
-86.1800, -90.1800

■ 159.9610,
-95.9440, -100.4560

■ 157.7110,
-98.2360, -102.9720

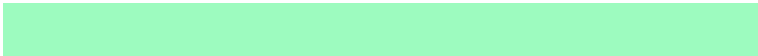
Harmonies

Analogous

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



223.0300, 7.3420, -33.9540



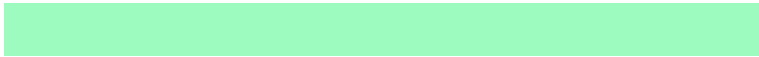
216.0540, -36.7640, -38.5880



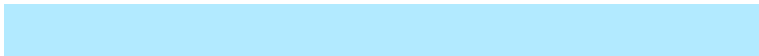
206.0870, -85.0890, -38.3450

Triad

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



216.0540, -36.7640, -38.5880



219.6500, -40.1170, -5.3410



215.9090, 37.0450, 5.9490

Complementary

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



216.0540, -36.7640, -38.5880



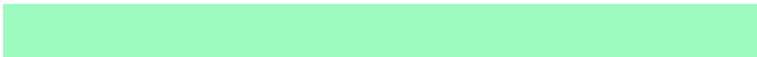
191.9460, 36.7640, 38.5880

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.



218.4630, 24.3420, 21.4140



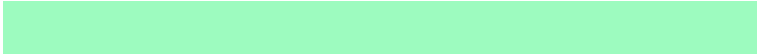
216.0540, -36.7640, -38.5880



229.6930, 3.0230, 16.8070

Square

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



216.0540, -36.7640, -38.5880



204.8670, -86.9250, -27.0930



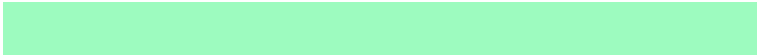
225.0630, 14.0250, 26.6730



220.0060, 43.4210, -10.4910

Rectangle

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



216.0540, -36.7640, -38.5880



198.5000, -111.1770, -39.1210



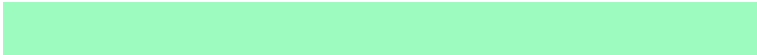
225.0630, 14.0250, 26.6730



216.3310, 33.1010, 11.3490

Sweetspot

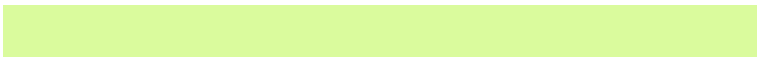
The Sweet Spot groups the original color and five complimentary colors.



216.0540, -36.7640, -38.5880



244.5760, -10.9100, -11.5340



230.4170, 10.5060, -36.2300



121.6630, -6.6010, -7.0250



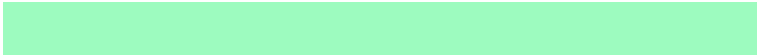
0.0000, 0.0000, 0.0000



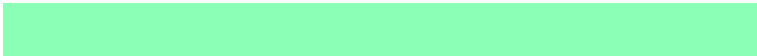
128.0000, -0.0000, -0.0000

Same Dimension

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



216.0540, -36.7640, -38.5880



212.2930, -45.1070, -47.0830



221.2980, -51.5300, -24.2820



120.2010, -5.1800, -5.2440



118.6950, -73.8030, -77.6990



38.3150, -23.8370, -25.0610

Inverse Universe

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



191.9460, 36.7640, 38.5880



182.7070, 45.1070, 47.0830



186.7020, 51.5300, 24.2820



116.7990, 5.1800, 5.2440



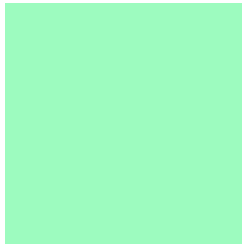
70.1910, 74.1240, 77.3880



22.6850, 23.8370, 25.0610

Previews

White Background



This preview shows how the YIQ color 216.0540, -36.7640, -38.5880 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 216.0540, -36.7640, -38.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

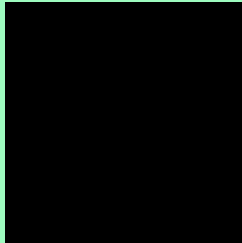
Any Text WCAG AA ✓ Pass

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 216.0540, -36.7640, -38.5880 Background



This preview shows how black text looks on a background with the YIQ color 216.0540, -36.7640, -38.5880.



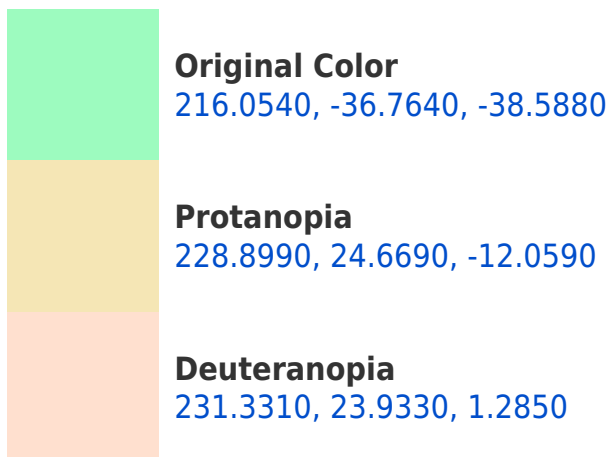
This preview shows how white text looks on a background with the YIQ color 216.0540, -36.7640, -38.5880.

-38.5880.

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

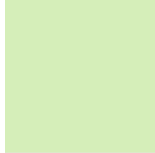
224.9770, -36.7240, -6.2600

Trichromacy



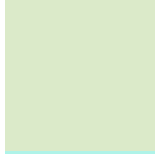
Original Color

216.0540, -36.7640, -38.5880



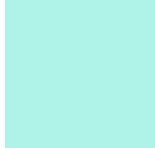
Protanomaly

224.4830, 2.1130, -21.7830



Deuteranomaly

225.7530, 1.6530, -13.4430



Tritanomaly

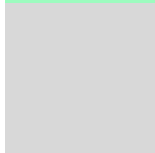
221.4140, -36.9970, -17.8370

Monochromacy



Original Color

216.0540, -36.7640, -38.5880



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

216.3260, -13.2020, -14.0500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.0540, -36.7640, -38.5880 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(157, 251, 191)` looks like.

```
.text, #text, p{  
    color:rgb(157, 251, 191)  
}
```

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(157, 251, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 251, 191) }
```

Border

The CSS property to change the border of an element to YIQ 216.0540, -36.7640, -38.5880 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(157, 251, 191) }
```


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

```
.border{ border-color:rgb(157, 251, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 251, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 251, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 251, 191); box-shadow:4px 4px 4px 4px rgb(157, 251, 191) }
```

Background

The CSS property to change the background color of an element to YIQ 216.0540, -36.7640, -38.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 251, 191) }
```

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

```
.background{ background-color: rgb(157,  
251, 191) }
```

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