

Converting Colors

YIQ(185.4240, -34.9300,
-38.7860)

Have a look what the booklet for
YIQ(185.4240, -34.9300, -38.7860)
contains.

YIQ(185.4240, -34.9300, -38.7860)	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(185.4240, -34.9300,
-38.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	80DC9E
RGB	128, 220, 158
RGB Percent	50%, 86%, 62%
CMY	0.4983, 0.1371, 0.3805
CMYK	0.42, 0.00, 0.28, 0.14
HSL	140°, 57%, 68%
HSV	140°, 42%, 86%
XYZ	40.6651, 58.2585, 41.4391
YIQ	185.4240, -34.9300, -38.7860

Conversions

Conversions Part 2

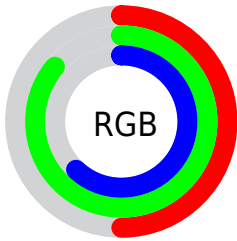
Format	Color
RYB	128, 197, 220
Decimal	8445086
CIELab	80.88, -40.84, 22.10
CIELCh	81, 46.434, 151.577
Yxy	58.2585, 0.2897, 0.4151
Android (android.graphics.Color)	4286635166 (0xFF80DC9E)
YUV	185.4240, -13.5200, -50.3608
Hunter-Lab	76.3273, -38.4728, 21.2398

Details

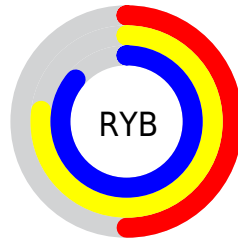
The YIQ color **185.4240, -34.9300, -38.7860** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **162.5760, 34.9300, 38.7860**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.9830, -28.8340, -28.1140**, and **129.8800, -36.2140, -37.5420** is the 20% darker color. If you saturate the color by 10%, you get **177.1360, -43.2270, -48.1150**, and if you desaturate by 10%, it is **193.7120, -26.6330, -29.4570**.

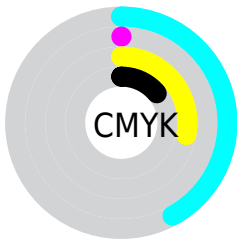
Distribution



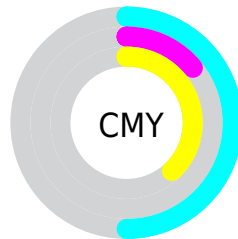
- Red (50%)
- Green (86%)
- Blue (62%)



- Red (50%)
- Yellow (77%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (28%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.4240, -34.9300, -38.7860 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 185.4240, -34.9300, -38.7860 by changing the saturation by 10% instead.

■ 185.4240,
-34.9300, -38.7860

■ 185.4240,
-34.9300, -38.7860

■ 255.0000, -0.0000,
-0.0000

■ 157.6520,
-35.5720, -38.1640

■ 228.9830,
-28.8340, -28.1140

■ 129.8800,
-36.2140, -37.5420

■ 240.8460,
-20.5380, -13.2580

■ 103.2110,
-38.6440, -37.5560

■ 251.1130, -7.7480,
-2.7560

■ 72.3560, -49.4180,
-40.5380

■ 54.5860, -35.2060,
-33.7820

■ 37.9900, -21.5440,
-28.0720

■ 24.0670, -11.2750,

-21.4430

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,
0.0000

■ 185.4240,
-34.9300, -38.7860

■ 185.4240,
-34.9300, -38.7860

■ 177.1360,
-43.2270, -48.1150

■ 193.7120,
-26.6330, -29.4570

■ 168.8480,
-51.5240, -57.4440

■ 202.0000,
-18.3360, -20.1280

■ 160.5600,
-59.8210, -66.7730

■ 210.1740, -9.7180,
-11.1100

■ 152.3860,
-68.4390, -75.7910

■ 218.4620, -1.4210,
-1.7810

■ 144.0980,
-76.7360, -85.1200

■ 226.7500, 6.8760,
7.5480

■ 137.3480,
-83.6120, -92.6680

■ 233.5430, 12.1930,
15.8170

■ 234.4550, 9.6250,
18.3050

Harmonies

Analogous

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



192.8130, 9.4510, -33.6290



185.4240, -34.9300, -38.7860



171.5590, -92.4700, -42.2460

Triad

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



185.4240, -34.9300, -38.7860



190.0800, -55.7070, 1.8690



194.6340, 54.2370, 13.7650

Complementary

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



185.4240, -34.9300, -38.7860



162.5760, 34.9300, 38.7860

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.



196.4870, 42.1300, 29.4420



185.4240, -34.9300, -38.7860



202.2050, -9.8620, 24.5540

Square

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



185.4240, -34.9300, -38.7860



167.2240, -118.6070, -25.6070



206.0850, 26.1270, 38.6310



198.5030, 61.2550, -3.2970

Rectangle

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



185.4240, -34.9300, -38.7860



157.2350, -135.4760, -44.7880



206.0850, 26.1270, 38.6310



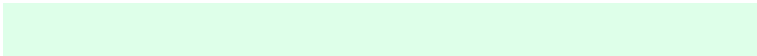
194.3550, 50.8890, 19.3770

Sweetspot

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



185.4240, -34.9300, -38.7860



242.6250, -12.6060, -13.8380



200.8410, 12.2480, -34.7600



120.1250, -8.0220, -8.8060



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.



185.4240, -34.9300, -38.7860



207.2230, -48.0860, -53.6700



190.5540, -49.3750, -24.7910



105.7990, -3.9880, -4.8200



108.0490, -65.8720, -72.7520



28.7120, -17.4650, -19.3930

Inverse Universe

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



162.5760, 34.9300, 38.7860



175.6630, 48.4070, 53.3590



157.4460, 49.3750, 24.7910



103.0870, 4.3090, 4.5090



65.0650, 65.5510, 73.0630



17.2880, 17.4650, 19.3930

Previews

White Background



This preview shows how the YIQ color 185.4240, -34.9300, -38.7860 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 185.4240, -34.9300, -38.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

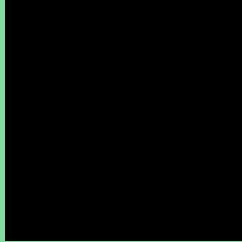
Any Text WCAG AA ✓ Pass

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 185.4240, -34.9300, -38.7860 Background



This preview shows how black text looks on a background with the YIQ color 185.4240, -34.9300, -38.7860.



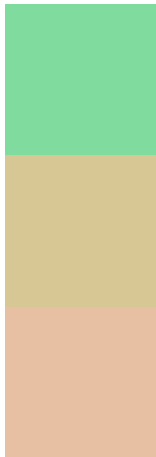
This preview shows how white text looks on a background with the YIQ color 185.4240, -34.9300, -38.7860.

-38.7860.

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

185.4240, -34.9300, -38.7860

Protanopia

197.7850, 24.9900, -12.3700

Deuteranopia

200.4690, 32.2320, -0.4400



Tritanopia

192.9050, -45.3890, -8.9170

Trichromacy



Original Color

185.4240, -34.9300, -38.7860

Protanomaly

193.5540, 3.3510, -22.1930

Deuteranomaly

195.0480, 8.0720, -14.1360

Tritanomaly

190.0220, -41.7650, -19.5330

Monochromacy



Original Color

185.4240, -34.9300, -38.7860

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.2120, -12.8810, -14.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.4240, -34.9300, -38.7860 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(128, 220, 158)` looks like.

```
.text, #text, p{  
    color:rgb(128, 220, 158)  
}
```

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(128, 220, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 220, 158) }
```

Border

The CSS property to change the border of an element to YIQ 185.4240, -34.9300, -38.7860 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(128, 220, 158) }
```


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

```
.border{ border-color:rgb(128, 220, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 220, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 220, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 220, 158);  
box-shadow:4px 4px 4px 4px rgb(128, 220,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 185.4240, -34.9300, -38.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 220, 158) }
```

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

```
.background{ background-color: rgb(128,  
220, 158) }
```

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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