

# Converting Colors

YIQ(185.1970, -34.8880,  
-17.5120)

Have a look what the booklet for  
YIQ(185.1970, -34.8880, -17.5120)  
contains.

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# Color

**YIQ(185.1970, -34.8880,  
-17.5120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DCEC2
RGB	141, 206, 194
RGB Percent	55%, 81%, 76%
CMY	0.4472, 0.1920, 0.2393
CMYK	0.32, 0.00, 0.06, 0.19
HSL	169°, 40%, 68%
HSV	169°, 32%, 81%
XYZ	42.7893, 53.7084, 59.1311
YIQ	185.1970, -34.8880, -17.5120

# Conversions

## Conversions Part 2

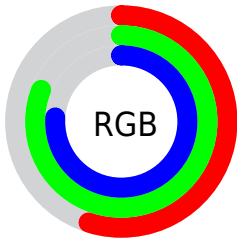
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 177, 206
Decimal	9293506
CIELab	78.29, -23.22, -0.60
CIELCh	78, 23.227, 181.484
Yxy	53.7084, 0.2749, 0.3451
Android (android.graphics.Color)	4287483586 (0xFF8DCEC2)
YUV	185.1970, 4.3399, -38.7608
Hunter-Lab	73.2860, -24.0304, 3.4619

# Details

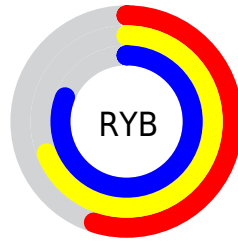
The YIQ color **185.1970, -34.8880, -17.5120** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.8030, 34.8880, 17.5120**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.7890, -33.5590, -14.0630**, and **130.9090, -34.0170, -16.7770** is the 20% darker color. If you saturate the color by 10%, you get **178.4620, -46.1200, -23.2080**, and if you desaturate by 10%, it is **191.9320, -23.6560, -11.8160**.

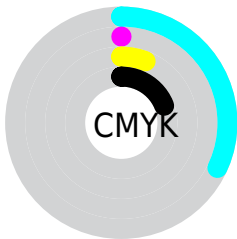
# Distribution



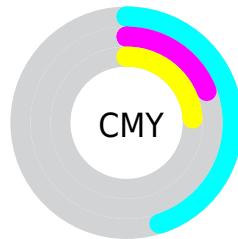
- Red (55%)
- Green (81%)
- Blue (76%)



- Red (55%)
- Yellow (69%)
- Blue (81%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (45%)
- Magenta (19%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 185.1970, -34.8880, -17.5120 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 185.1970, -34.8880, -17.5120 by changing the saturation by 10% instead.



■ 185.1970,  
-34.8880, -17.5120

■ 185.1970,  
-34.8880, -17.5120

■ 255.0000, -0.0000,  
-0.0000

■ 157.6100,  
-34.6130, -16.9890

■ 236.7890,  
-33.5590, -14.0630

■ 131.4960,  
-34.2920, -17.3000

■ 246.0300,  
-17.8800, -6.3600

■ 105.0230,  
-34.3380, -16.4660

■ 254.7010, -0.5960,  
-0.2120

■ 79.4250, -35.5300,  
-16.8900

■ 52.2500, -42.4070,  
-18.9110

■ 36.2410, -29.0200,  
-13.7240

■ 21.5200, -16.5040,

-9.2720

■ 0.0000, 0.0000,  
0.0000

■ 185.1970,  
-34.8880, -17.5120

■ 185.1970,  
-34.8880, -17.5120

■ 178.4620,  
-46.1200, -23.2080

■ 191.9320,  
-23.6560, -11.8160

■ 172.0260,  
-56.7560, -28.6920

■ 198.3680,  
-13.0200, -6.3320

■ 165.4050,  
-68.3090, -34.0770

■ 204.9890, -1.4670,  
-0.9470

■ 158.9690,  
-78.9450, -39.5610

■ 211.4250, 9.1690,  
4.5370

■ 152.2340,  
-90.1770, -45.2570

■ 218.1600, 20.4010,  
10.2330

■ 145.4990,  
-101.4090, -50.9530

■ 221.9050, 25.6730,  
13.8090

■ 140.0740,  
-110.5780, -55.4900

■ 222.3610, 24.3890,  
15.0530

■ 222.8170, 23.1050,  
16.2970

■ 223.1590, 22.1420,  
17.2300

# Harmonies

## Analogous

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



187.4950, -15.3560, -19.0680



185.1970, -34.8880, -17.5120



184.9110, -45.5260, -11.9420

# Triad

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



185.1970, -34.8880, -17.5120



196.0770, -6.9260, 15.3940



194.5510, 34.9370, 0.0970

# Complementary

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



185.1970, -34.8880, -17.5120



161.8030, 34.8880, 17.5120

# 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.



196.4300, 37.1360, 9.8080



185.1970, -34.8880, -17.5120



197.4340, 14.1180, 19.4780

# Square

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



185.1970, -34.8880, -17.5120



192.1990, -28.0610, 7.4510



197.0520, 29.7530, 16.9610



192.9960, 23.0180, -9.6700



# Rectangle

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



185.1970, -34.8880, -17.5120



186.6000, -45.8480, -6.1040



197.0520, 29.7530, 16.9610



195.1430, 36.2660, 3.5460

# Sweetspot

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



185.1970, -34.8880, -17.5120



247.6670, -12.4240, -6.1200



183.0420, -10.1270, -31.2390



123.1730, -7.9770, -4.1130



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

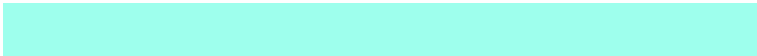


# Same Dimension

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



185.1970, -34.8880, -17.5120



223.9450, -52.0340, -26.1620



175.4120, -33.5150, -3.8430



98.7820, -5.3180, -2.7420



112.8320, -88.9850, -44.8330



25.8400, -20.4010, -10.2330



# Inverse Universe

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



161.8030, 34.8880, 17.5120



189.0550, 52.0340, 26.1620



171.5880, 33.5150, 3.8430



95.2180, 5.3180, 2.7420



53.1680, 88.9850, 44.8330



12.1600, 20.4010, 10.2330



# Previews

## White Background



This preview shows how the YIQ color 185.1970, -34.8880, -17.5120 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

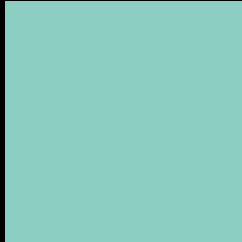
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 185.1970, -34.8880, -17.5120 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

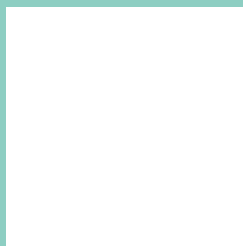
Any Text WCAG AAA ✓ Pass

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

# YIQ 185.1970, -34.8880, -17.5120 Background



This preview shows how black text looks on a background with the YIQ color 185.1970, -34.8880, -17.5120.



This preview shows how white text looks on a background with the YIQ color 185.1970, -34.8880, -17.5120.

-17.5120.

# 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

185.1970, -34.8880, -17.5120

### Protanopia

193.1100, 5.5020, -0.5940

### Deuteranopia

194.8320, 9.5810, 8.0850



## Tritanopia

187.4930, -38.2370, -6.3730

# Trichromacy



## Original Color

185.1970, -34.8880, -17.5120

## Protanomaly

190.1080, -9.3520, -6.7280

## Deuteranomaly

191.3520, -6.9230, -1.1870

## Tritanomaly

186.4560, -36.8150, -10.1190

# Monochromacy



## Original Color

185.1970, -34.8880, -17.5120

## Achromatopsia

185.0000, -0.0000, -0.0000

## Achromatomaly

185.2540, -12.6990, -6.6430

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 185.1970, -34.8880, -17.5120 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(141, 206, 194)` looks like.

```
.text, #text, p{  
    color:rgb(141, 206, 194)  
}
```

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(141, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 206, 194) }
```

## Border

The CSS property to change the border of an element to YIQ 185.1970, -34.8880, -17.5120 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(141, 206, 194) }
```



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

```
.border{ border-color:rgb(141, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 206, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 206, 194); box-shadow:4px 4px 4px 4px rgb(141, 206, 194) }
```

# Background

The CSS property to change the background color of an element to YIQ 185.1970, -34.8880, -17.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 206, 194) }
```

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

```
.background{ background-color: rgb(141,  
206, 194) }
```

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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