

Converting Colors

YIQ(184.7780, -35.0260,
-15.0100)

Have a look what the booklet for
YIQ(184.7780, -35.0260, -15.0100)
contains.

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Color

**YIQ(184.7780, -35.0260,
-15.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	8ECCC6
RGB	142, 204, 198
RGB Percent	56%, 80%, 78%
CMY	0.4433, 0.1999, 0.2237
CMYK	0.30, 0.00, 0.03, 0.20
HSL	174°, 38%, 68%
HSV	174°, 30%, 80%
XYZ	42.9369, 53.0211, 61.3764
YIQ	184.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

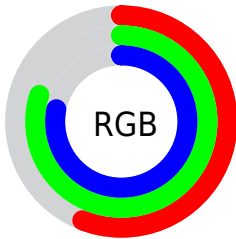
Format	Color
RYB	142, 175, 204
Decimal	9358534
CIELab	77.89, -21.04, -3.34
CIELCh	78, 21.302, 189.015
Yxy	53.0211, 0.2729, 0.3370
Android (android.graphics.Color)	4287548614 (0xFF8ECCC6)
YUV	184.7780, 6.5184, -37.5163
Hunter-Lab	72.8156, -22.1720, 0.9952

Details

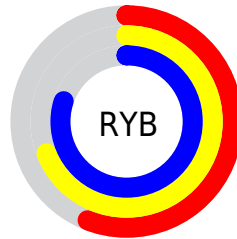
The YIQ color **184.7780, -35.0260, -15.0100** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.2220, 35.0260, 15.0100**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **237.6580, -34.5680, -12.2960**, and **131.0770, -34.4300, -14.7980** is the 20% darker color. If you saturate the color by 10%, you get **178.5700, -46.3040, -19.8720**, and if you desaturate by 10%, it is **190.9860, -23.7480, -10.1480**.

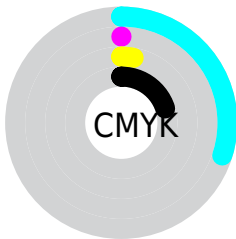
Distribution



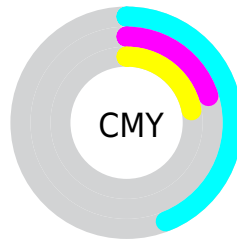
- Red (56%)
- Green (80%)
- Blue (78%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7780, -35.0260, -15.0100 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 184.7780, -35.0260, -15.0100 by changing the saturation by 10% instead.

■ 184.7780,
-35.0260, -15.0100

■ 184.7780,
-35.0260, -15.0100

■ 255.0000, -0.0000,
-0.0000

■ 157.1910,
-34.7510, -14.4870

■ 237.6580,
-34.5680, -12.2960

■ 131.0770,
-34.4300, -14.7980

■ 246.3290,
-17.2840, -6.1480

■ 105.1910,
-34.7510, -14.4870

■ 79.5930, -35.9430,
-14.9110

■ 51.7170, -42.2240,
-16.7200

■ 35.4090, -29.4330,
-11.7450

■ 21.2750, -17.1920,

-7.8160

■ 0.0000, 0.0000,
0.0000

■ 184.7780,
-35.0260, -15.0100

■ 184.7780,
-35.0260, -15.0100

■ 178.5700,
-46.3040, -19.8720

■ 190.9860,
-23.7480, -10.1480

■ 172.0630,
-58.1780, -24.9460

■ 197.4930,
-11.8740, -5.0740

■ 165.8550,
-69.4560, -29.8080

■ 203.7010, -0.5960,
-0.2120

■ 159.3480,
-81.3300, -34.8820

■ 210.2080, 11.2780,
4.8620

■ 153.1400,
-92.6080, -39.7440

■ 216.4160, 22.5560,
9.7240

■ 146.9320,
-103.8860, -44.6060

■ 219.9330, 28.4700,
12.6780

■ 140.7240,
-115.1640, -49.4680

■ 220.1610, 27.8280,
13.3000

■ 220.3890, 27.1860,
13.9220

■ 220.6170, 26.5440,
14.5440

Harmonies

Analogous

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



186.6950, -18.7950, -17.3150



184.7780, -35.0260, -15.0100



185.7590, -42.0420, -9.0020

Triad

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



184.7780, -35.0260, -15.0100



195.3010, -1.7450, 15.1110



193.3330, 29.6190, -2.6450

Complementary

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



184.7780, -35.0260, -15.0100



161.2220, 35.0260, 15.0100

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.



194.8810, 34.2480, 7.0800



184.7780, -35.0260, -15.0100



195.9350, 16.9610, 17.5130

Square

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



184.7780, -35.0260, -15.0100



192.2600, -20.8630, 9.1610



196.0580, 29.6160, 13.9360



191.2450, 17.8830, -10.2210

Rectangle

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



184.7780, -35.0260, -15.0100



187.1170, -39.9340, -3.1500



196.0580, 29.6160, 13.9360



193.9960, 32.1860, 0.3940

Sweetspot

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



184.7780, -35.0260, -15.0100



247.8950, -13.0660, -5.4980



180.1880, -13.4740, -31.1540



123.2870, -8.2980, -3.8020



0.0000, 0.0000, 0.0000



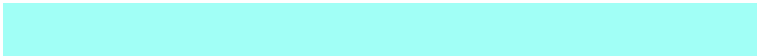
128.0000, -0.0000, -0.0000

Same Dimension

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



184.7780, -35.0260, -15.0100



225.8680, -53.1350, -22.7270



170.7870, -30.0770, -0.0690



98.8960, -5.6390, -2.4310



114.5420, -93.8000, -40.1680



26.2960, -21.6850, -8.9890

Inverse Universe

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



161.2220, 35.0260, 15.0100



190.1320, 53.1350, 22.7270



175.2130, 30.0770, 0.0690



95.1040, 5.6390, 2.4310



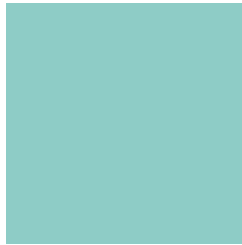
51.4580, 93.8000, 40.1680



11.8180, 21.3640, 9.3000

Previews

White Background



This preview shows how the YIQ color 184.7780, -35.0260, -15.0100 looks on a white background.

Color Contrast Check

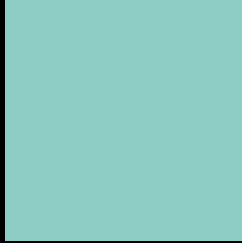
Large Text (above 18pt) WCAG AA × Fail

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 184.7780, -35.0260, -15.0100 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

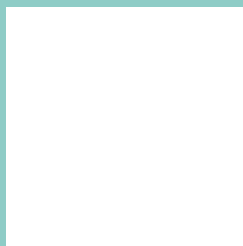
Any Text WCAG AAA ✓ Pass

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

YIQ 184.7780, -35.0260, -15.0100 Background



This preview shows how black text looks on a background with the YIQ color 184.7780, -35.0260, -15.0100.



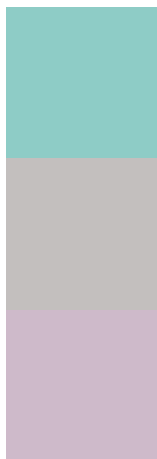
This preview shows how white text looks on a background with the YIQ color 184.7780, -35.0260, -15.0100.

-15.0100.

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

184.7780, -35.0260, -15.0100

Protanopia

192.0820, 2.7050, 0.5370

Deuteranopia

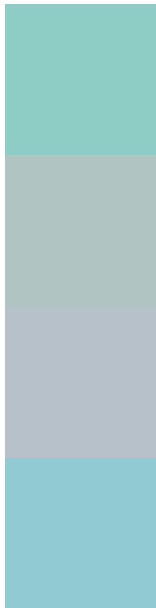
193.8040, 6.7840, 9.2160



Tritanopia

186.3790, -37.9160, -6.6840

Trichromacy



Original Color

184.7780, -35.0260, -15.0100

Protanomaly

189.6780, -10.9570, -5.1730

Deuteranomaly

190.9220, -8.5280, 0.3680

Tritanomaly

185.8690, -36.5400, -9.5960

Monochromacy



Original Color

184.7780, -35.0260, -15.0100

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.8950, -13.0660, -5.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.7780, -35.0260, -15.0100 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(142, 204, 198)` looks like.

```
.text, #text, p{  
    color:rgb(142, 204, 198)  
}
```

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(142, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 204, 198) }
```

Border

The CSS property to change the border of an element to YIQ 184.7780, -35.0260, -15.0100 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(142, 204, 198) }
```


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

```
.border{ border-color:rgb(142, 204, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(142, 204,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 184.7780, -35.0260, -15.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 204, 198) }
```

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

```
.background{ background-color: rgb(142,  
204, 198) }
```

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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