

Converting Colors

YIQ(198.4480, -34.3370,
-21.9930)

Have a look what the booklet for
YIQ(198.4480, -34.3370, -21.9930)
contains.

YIQ(198.4480, -34.3370, -21.9930)	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(198.4480, -34.3370,
-21.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	98DEC7
RGB	152, 222, 199
RGB Percent	60%, 87%, 78%
CMY	0.4041, 0.1293, 0.2197
CMYK	0.32, 0.00, 0.10, 0.13
HSL	160°, 52%, 73%
HSV	160°, 32%, 87%
XYZ	49.3746, 63.0512, 63.5822
YIQ	198.4480, -34.3370, -21.9930

Conversions

Conversions Part 2

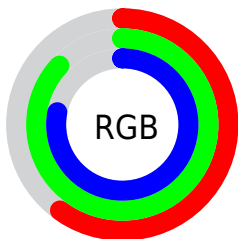
Format	Color
RYB	152, 194, 222
Decimal	10018503
CIELab	83.47, -26.81, 4.33
CIELCh	83, 27.157, 170.825
Yxy	63.0512, 0.2805, 0.3582
Android (android.graphics.Color)	4288208583 (0xFF98DEC7)
YUV	198.4480, 0.2721, -40.7349
Hunter-Lab	79.4048, -27.9655, 8.1078

Details

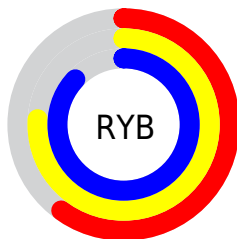
The YIQ color **198.4480, -34.3370, -21.9930** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **175.5520, 34.3370, 21.9930**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9470, -28.0120, -9.9640**, and **143.8610, -34.0620, -21.4700** is the 20% darker color. If you saturate the color by 10%, you get **191.0720, -45.2020, -28.8340**, and if you desaturate by 10%, it is **205.8240, -23.4720, -15.1520**.

Distribution



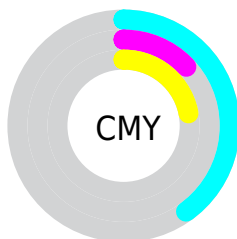
- Red (60%)
- Green (87%)
- Blue (78%)



- Red (60%)
- Yellow (76%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (40%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4480, -34.3370, -21.9930 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 198.4480, -34.3370, -21.9930 by changing the saturation by 10% instead.

■ 198.4480,
-34.3370, -21.9930

■ 198.4480,
-34.3370, -21.9930

■ 255.0000, -0.0000,
-0.0000

■ 170.8610,
-34.0620, -21.4700

■ 240.9470,
-28.0120, -9.9640

■ 143.8610,
-34.0620, -21.4700

■ 249.6180,
-10.7280, -3.8160

■ 117.2740,
-33.7870, -20.9470

■ 91.2030, -35.0250,
-20.5370

■ 64.5230, -38.9220,
-21.4980

■ 43.7410, -33.6040,
-18.7560

■ 28.4330, -20.8130,

-13.7810

■ 12.4410, -6.0960,
-10.6720

■ 0.0000, 0.0000,
0.0000

■ 198.4480,
-34.3370, -21.9930

■ 198.4480,
-34.3370, -21.9930

■ 191.0720,
-45.2020, -28.8340

■ 205.8240,
-23.4720, -15.1520

■ 183.5820,
-55.7460, -35.9860

■ 213.3140,
-12.9280, -8.0000

■ 175.9070,
-67.2070, -43.0390

■ 220.9890, -1.4670,
-0.9470

■ 168.5310,
-78.0720, -49.8800

■ 228.3650, 9.3980,
5.8940

■ 161.0410,
-88.6160, -57.0320

■ 233.4630, 15.1740,
11.3500

■ 153.6650,
-99.4810, -63.8730

■ 234.2610, 12.9270,
13.5270

■ 147.3000,
-108.8790, -69.7670

■ 235.0590, 10.6800,
15.7040

■ 235.6290, 9.0750,
17.2590

Harmonies

Analogous

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



201.4370, -9.4410, -21.6410



198.4480, -34.3370, -21.9930



196.6280, -52.2190, -17.2990

Triad

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



198.4480, -34.3370, -21.9930



209.2160, -17.5630, 15.4370



209.3780, 42.9140, 4.2100

Complementary

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



198.4480, -34.3370, -21.9930



175.5520, 34.3370, 21.9930

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.



209.5490, 38.4190, 14.0910



198.4480, -34.3370, -21.9930



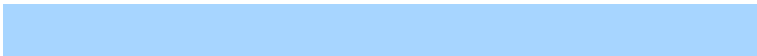
212.1930, 7.6070, 21.8390

Square

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



198.4480, -34.3370, -21.9930



204.0340, -40.8980, 3.3100



212.2140, 29.4770, 21.9650



207.7260, 32.6460, -7.9460

Rectangle

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



198.4480, -34.3370, -21.9930



197.7510, -56.7590, -12.1110



212.2140, 29.4770, 21.9650



209.6000, 42.4090, 7.8570

Sweetspot

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



198.4480, -34.3370, -21.9930



247.2110, -11.1400, -7.3640



199.9670, -5.5420, -31.7340



122.9450, -7.3350, -4.7350



0.0000, 0.0000, 0.0000



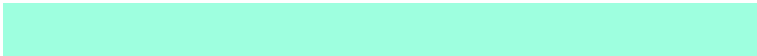
128.0000, -0.0000, -0.0000

Same Dimension

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



198.4480, -34.3370, -21.9930



222.3490, -47.5400, -30.5160



194.0260, -38.4200, -8.5640



108.3690, -5.5930, -3.2650



116.7640, -86.2780, -55.3500



31.9380, -23.7930, -14.8410

Inverse Universe

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



175.5520, 34.3370, 21.9930



190.6510, 47.5400, 30.5160



179.9740, 38.4200, 8.5640



104.7450, 5.2720, 3.5760



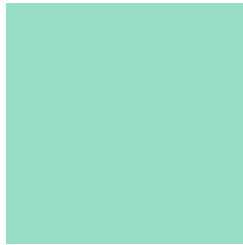
59.2360, 86.2780, 55.3500



16.1760, 23.4720, 15.1520

Previews

White Background



This preview shows how the YIQ color 198.4480, -34.3370, -21.9930 looks on a white background.

Color Contrast Check

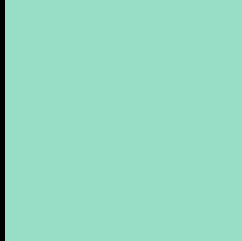
Large Text (above 18pt) WCAG AA × Fail

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 198.4480, -34.3370, -21.9930 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

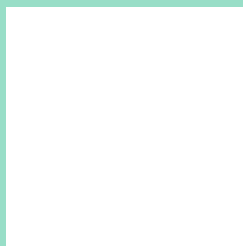
Any Text WCAG AAA ✓ Pass

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

YIQ 198.4480, -34.3370, -21.9930 Background



This preview shows how black text looks on a background with the YIQ color 198.4480, -34.3370, -21.9930.



This preview shows how white text looks on a background with the YIQ color 198.4480, -34.3370, -21.9930.

-21.9930.

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

198.4480, -34.3370, -21.9930

Protanopia

206.9810, 10.1790, -2.7570

Deuteranopia

208.7140, 15.7250, 6.8690



Tritanopia

201.8950, -39.4290, -6.7970

Trichromacy



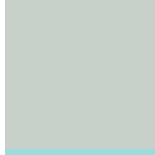
Original Color

198.4480, -34.3370, -21.9930



Protanomaly

203.9680, -6.1420, -9.8380



Deuteranomaly

204.9240, -2.8420, -3.5620



Tritanomaly

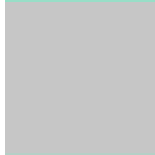
200.6900, -37.5940, -12.5220

Monochromacy



Original Color

198.4480, -34.3370, -21.9930



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

198.2000, -12.6070, -8.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4480, -34.3370, -21.9930 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(152, 222, 199)` looks like.

```
.text, #text, p{  
    color:rgb(152, 222, 199)  
}
```

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(152, 222, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 222, 199) }
```

Border

The CSS property to change the border of an element to YIQ 198.4480, -34.3370, -21.9930 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(152, 222, 199) }
```


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

```
.border{ border-color:rgb(152, 222, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 222, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 222, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 222, 199);  
box-shadow:4px 4px 4px 4px rgb(152, 222,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4480, -34.3370, -21.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 222, 199) }
```

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

```
.background{ background-color: rgb(152,  
222, 199) }
```

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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