

Converting Colors

YIQ(199.3340, -34.0160,
-22.3040)

Have a look what the booklet for
YIQ(199.3340, -34.0160, -22.3040)
contains.

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Color

**YIQ(199.3340, -34.0160,
-22.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	99DFC7
RGB	153, 223, 199
RGB Percent	60%, 87%, 78%
CMY	0.4002, 0.1254, 0.2197
CMYK	0.31, 0.00, 0.11, 0.13
HSL	159°, 52%, 74%
HSV	159°, 31%, 87%
XYZ	49.8290, 63.6810, 63.6802
YIQ	199.3340, -34.0160, -22.3040

Conversions

Conversions Part 2

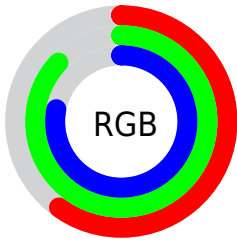
Format	Color
RYB	153, 195, 223
Decimal	10084295
CIELab	83.80, -27.00, 4.81
CIELCh	84, 27.429, 169.893
Yxy	63.6810, 0.2812, 0.3594
Android (android.graphics.Color)	4288274375 (0xFF99DFC7)
YUV	199.3340, -0.1647, -40.6349
Hunter-Lab	79.8004, -28.1915, 8.5472

Details

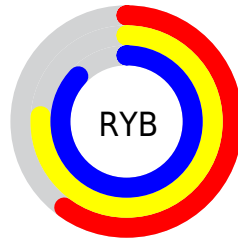
The YIQ color **199.3340, -34.0160, -22.3040** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.6660, 34.0160, 22.3040**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2460, -27.4160, -9.7520**, and **144.7470, -33.7410, -21.7810** is the 20% darker color. If you saturate the color by 10%, you get **191.8440, -44.5600, -29.4560**, and if you desaturate by 10%, it is **206.8240, -23.4720, -15.1520**.

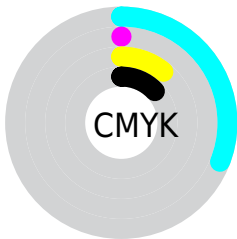
Distribution



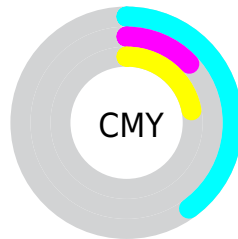
- Red (60%)
- Green (87%)
- Blue (78%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.3340, -34.0160, -22.3040 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 199.3340, -34.0160, -22.3040 by changing the saturation by 10% instead.

■ 199.3340,
-34.0160, -22.3040

■ 199.3340,
-34.0160, -22.3040

■ 255.0000, -0.0000,
-0.0000

■ 171.7470,
-33.7410, -21.7810

■ 241.2460,
-27.4160, -9.7520

■ 144.7470,
-33.7410, -21.7810

■ 249.9170,
-10.1320, -3.6040

■ 118.1600,
-33.4660, -21.2580

■ 92.0890, -34.7040,
-20.8480

■ 65.7080, -38.0050,
-21.5970

■ 44.3280, -33.8790,
-19.2790

■ 29.0200, -21.0880,

-14.3040

■ 13.0280, -6.3710,
-11.1950

■ 0.0000, 0.0000,
0.0000

■ 199.3340,
-34.0160, -22.3040

■ 199.3340,
-34.0160, -22.3040

■ 191.8440,
-44.5600, -29.4560

■ 206.8240,
-23.4720, -15.1520

■ 184.1690,
-56.0210, -36.5090

■ 214.4990,
-12.0110, -8.0990

■ 176.6790,
-66.5650, -43.6610

■ 221.9890, -1.4670,
-0.9470

■ 169.1890,
-77.1090, -50.8130

■ 229.4790, 9.0770,
6.2050

■ 161.5140,
-88.5700, -57.8660

■ 234.1640, 14.5780,
11.1380

■ 154.0240,
-99.1140, -65.0180

■ 235.0760, 12.0100,
13.6260

■ 147.5450,
-108.1910, -71.2230

■ 235.9880, 9.4420,
16.1140

■ 236.2160, 8.8000,
16.7360

Harmonies

Analogous

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



202.6220, -8.5240, -21.7400



199.3340, -34.0160, -22.3040



197.3290, -52.8150, -17.5110

Triad

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



199.3340, -34.0160, -22.3040



209.5040, -18.4340, 14.7020



210.6770, 43.5100, 4.4220

Complementary

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



199.3340, -34.0160, -22.3040



176.6660, 34.0160, 22.3040

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.



210.3640, 37.5020, 14.1900



199.3340, -34.0160, -22.3040



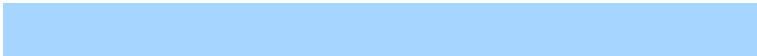
213.1930, 7.6070, 21.8390

Square

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



199.3340, -34.0160, -22.3040



204.3220, -41.7690, 2.5750



213.3280, 29.1560, 22.2760



208.3240, 33.8380, -7.5220

Rectangle

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



199.3340, -34.0160, -22.3040



198.4520, -57.3550, -12.3230



213.3280, 29.1560, 22.2760



210.3010, 41.8130, 7.6450

Sweetspot

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



199.3340, -34.0160, -22.3040



247.2110, -11.1400, -7.3640



201.2660, -4.9460, -31.5220



122.9450, -7.3350, -4.7350



0.0000, 0.0000, 0.0000



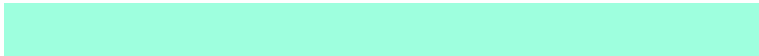
128.0000, -0.0000, -0.0000

Same Dimension

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



199.3340, -34.0160, -22.3040



222.2350, -47.2190, -30.8270



196.2000, -38.9700, -9.6100



108.2550, -5.2720, -3.5760



116.5360, -85.6360, -55.9720



31.8240, -23.4720, -15.1520

Inverse Universe

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



176.6660, 34.0160, 22.3040



190.7650, 47.2190, 30.8270



179.8000, 38.9700, 9.6100



104.7450, 5.2720, 3.5760



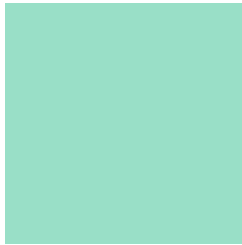
59.4640, 85.6360, 55.9720



16.2900, 23.1510, 15.4630

Previews

White Background



This preview shows how the YIQ color 199.3340, -34.0160, -22.3040 looks on a white background.

Color Contrast Check

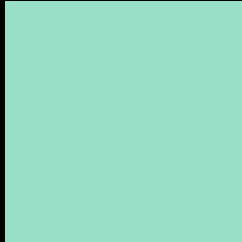
Large Text (above 18pt) WCAG AA × Fail

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 199.3340, -34.0160, -22.3040 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

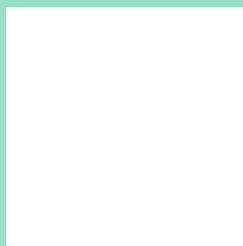
Any Text WCAG AAA ✓ Pass

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

YIQ 199.3340, -34.0160, -22.3040 Background



This preview shows how black text looks on a background with the YIQ color 199.3340, -34.0160, -22.3040.



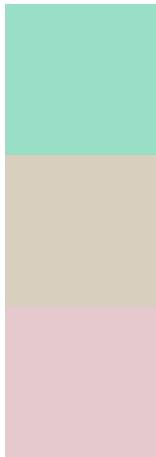
This preview shows how white text looks on a background with the YIQ color 199.3340, -34.0160, -22.3040.

-22.3040.

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

199.3340, -34.0160, -22.3040

Protanopia

207.7530, 10.8210, -3.3790

Deuteranopia

210.0130, 16.3210, 7.0810



Tritanopia

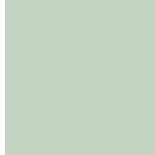
202.8950, -39.4290, -6.7970

Trichromacy



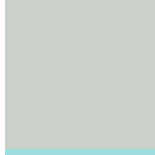
Original Color

199.3340, -34.0160, -22.3040



Protanomaly

204.7400, -5.5000, -10.4600



Deuteranomaly

206.1090, -1.9250, -3.6610



Tritanomaly

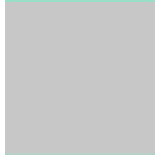
201.6900, -37.5940, -12.5220

Monochromacy



Original Color

199.3340, -34.0160, -22.3040



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

199.2000, -12.6070, -8.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.3340, -34.0160, -22.3040 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(153, 223, 199)` looks like.

```
.text, #text, p{  
    color:rgb(153, 223, 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(153, 223, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 223, 199) }
```

Border

The CSS property to change the border of an element to YIQ 199.3340, -34.0160, -22.3040 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(153, 223, 199) }
```


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

```
.border{ border-color:rgb(153, 223, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 223, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 223, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 223, 199); box-shadow:4px 4px 4px 4px rgb(153, 223, 199) }
```

Background

The CSS property to change the background color of an element to YIQ 199.3340, -34.0160, -22.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 223, 199) }
```

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

```
.background{ background-color: rgb(153,  
223, 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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