

Converting Colors

YIQ(205.2980, -34.3350,
-33.0470)

Have a look what the booklet for
YIQ(205.2980, -34.3350, -33.0470)
contains.

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Color

**YIQ(205.2980, -34.3350,
-33.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	98ECBB
RGB	152, 236, 187
RGB Percent	60%, 93%, 73%
CMY	0.4041, 0.0744, 0.2668
CMYK	0.36, 0.00, 0.21, 0.07
HSL	145°, 69%, 76%
HSV	145°, 36%, 93%
XYZ	51.9104, 70.2677, 57.8267
YIQ	205.2980, -34.3350, -33.0470

Conversions

Conversions Part 2

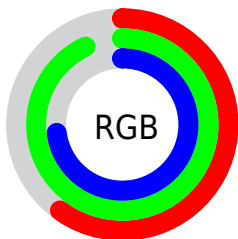
Format	Color
RYB	152, 211, 236
Decimal	10022075
CIELab	87.13, -35.81, 15.84
CIELCh	87, 39.161, 156.137
Yxy	70.2677, 0.2884, 0.3904
Android (android.graphics.Color)	4288212155 (0xFF98ECBB)
YUV	205.2980, -9.0209, -46.7423
Hunter-Lab	83.8258, -36.1563, 17.7773

Details

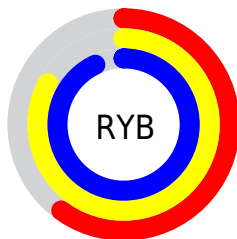
The YIQ color **205.2980, -34.3350, -33.0470** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **182.7020, 34.3350, 33.0470**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.8780, -23.5640, -13.4840**, and **149.9390, -34.7020, -31.9020** is the 20% darker color. If you saturate the color by 10%, you get **196.5260, -44.1450, -42.4890**, and if you desaturate by 10%, it is **214.0700, -24.5250, -23.6050**.

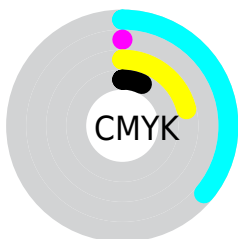
Distribution



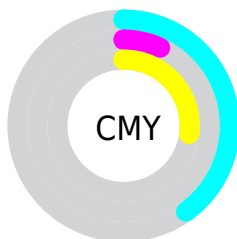
- Red (60%)
- Green (93%)
- Blue (73%)



- Red (60%)
- Yellow (83%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)



- Cyan (40%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.2980, -34.3350, -33.0470 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 205.2980, -34.3350, -33.0470 by changing the saturation by 10% instead.

■ 205.2980,
-34.3350, -33.0470

■ 205.2980,
-34.3350, -33.0470

■ 255.0000, -0.0000,
-0.0000

■ 177.4120,
-34.6560, -32.7360

■ 239.8780,
-23.5640, -13.4840

■ 149.9390,
-34.7020, -31.9020

■ 249.9170,
-10.1320, -3.6040

■ 123.0530,
-35.0230, -31.5910

■ 96.0960, -36.5820,
-30.8700


■ 66.8390, -46.1640,
-33.4280


■ 48.9440, -33.0980,
-27.9300


■ 33.1630, -20.3530,

-22.1210


 18.7840, -8.8000,
-16.7360


 0.0000, 0.0000,
0.0000


 205.2980,
-34.3350, -33.0470


 205.2980,
-34.3350, -33.0470


 196.5260,
-44.1450, -42.4890


 214.0700,
-24.5250, -23.6050

 188.0530,
-53.3590, -51.7190

 222.5430,
-15.3110, -14.3750

 179.3950,
-63.4900, -60.8500

 231.2010, -5.1800,
-5.2440

 170.9220,
-72.7040, -70.0800

 239.6740, 4.0340,
3.9860

■ 162.1500,
-82.5140, -79.5220

■ 243.8470, 5.2250,
9.9370

■ 153.3780,
-92.3240, -88.9640

■ 149.7040,
-96.3580, -92.9500

Harmonies

Analogous

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



210.9250, 3.4440, -29.3880



205.2980, -34.3350, -33.0470



198.8330, -72.3900, -31.7020

Triad

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



205.2980, -34.3350, -33.0470



211.4430, -34.8000, 2.9280



210.7740, 41.8590, 6.8110

Complementary

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



205.2980, -34.3350, -33.0470



182.7020, 34.3350, 33.0470

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.



211.9430, 31.6780, 20.6220



205.2980, -34.3350, -33.0470



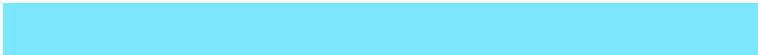
219.6590, 0.3630, 20.9630

Square

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



205.2980, -34.3350, -33.0470



200.8570, -71.7970, -14.9090



219.0960, 18.4260, 29.5140



214.3810, 46.8590, -6.7170

Rectangle

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



205.2980, -34.3350, -33.0470



195.7140, -90.8680, -27.2200



219.0960, 18.4260, 29.5140



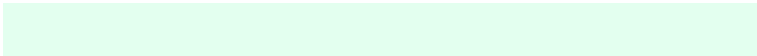
210.2670, 39.1530, 11.8010

Sweetspot

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



205.2980, -34.3350, -33.0470



244.8040, -11.5520, -10.9120



216.2580, 6.7000, -33.3320



121.7770, -6.9220, -6.7140



0.0000, 0.0000, 0.0000



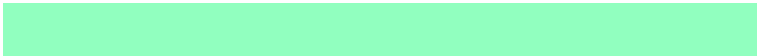
128.0000, -0.0000, -0.0000

Same Dimension

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



205.2980, -34.3350, -33.0470



214.8140, -45.0160, -43.2240



209.9720, -47.4960, -20.2960



112.9130, -4.3090, -4.5090



114.7970, -73.8500, -71.3380



34.2060, -21.9120, -21.4000

Inverse Universe

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



182.7020, 34.3350, 33.0470



185.1860, 45.0160, 43.2240



178.0280, 47.4960, 20.2960



109.9730, 4.6300, 4.1980



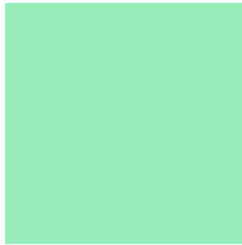
66.2030, 73.8500, 71.3380



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 205.2980, -34.3350, -33.0470 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 205.2980, -34.3350, -33.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

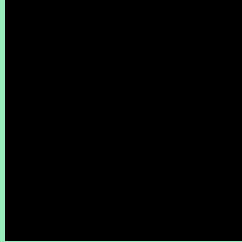
Any Text WCAG AA ✓ Pass

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 205.2980, -34.3350, -33.0470 Background



This preview shows how black text looks on a background with the YIQ color 205.2980, -34.3350, -33.0470.



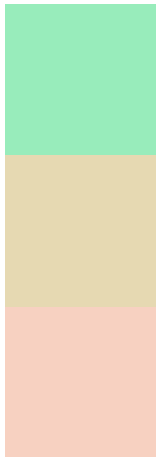
This preview shows how white text looks on a background with the YIQ color 205.2980, -34.3350, -33.0470.

-33.0470.

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

205.2980, -34.3350, -33.0470

Protanopia

216.4410, 20.2670, -9.3730

Deuteranopia

218.5380, 27.7840, 3.0800



Tritanopia

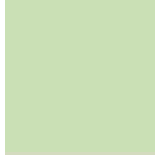
211.2150, -43.3260, -7.7580

Trichromacy



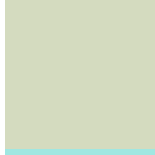
Original Color

205.2980, -34.3350, -33.0470



Protanomaly

212.5200, 0.6910, -18.0370



Deuteranomaly

213.7150, 4.8160, -10.1920



Tritanomaly

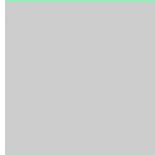
209.0870, -40.3900, -16.9180

Monochromacy



Original Color

205.2980, -34.3350, -33.0470



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

204.9780, -12.1020, -11.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.2980, -34.3350, -33.0470 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, 236, 187)` looks like.

```
.text, #text, p{  
    color:rgb(152, 236, 187)  
}
```

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, 236, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 236, 187) }
```

Border

The CSS property to change the border of an element to YIQ 205.2980, -34.3350, -33.0470 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, 236, 187) }
```


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

```
.border{ border-color:rgb(152, 236, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 236, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 236, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 236, 187);  
box-shadow:4px 4px 4px 4px rgb(152, 236,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 205.2980, -34.3350, -33.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 236, 187) }
```

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

```
.background{ background-color: rgb(152,  
236, 187) }
```

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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