

Converting Colors

YIQ(189.8710, -30.8540,
-13.5260)

Have a look what the booklet for
YIQ(189.8710, -30.8540, -13.5260)
contains.

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Color

**YIQ(189.8710, -30.8540,
-13.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	98CFC9
RGB	152, 207, 201
RGB Percent	60%, 81%, 79%
CMY	0.4040, 0.1881, 0.2119
CMYK	0.27, 0.00, 0.03, 0.19
HSL	173°, 36%, 70%
HSV	173°, 27%, 81%
XYZ	45.8000, 55.5246, 63.5432
YIQ	189.8710, -30.8540, -13.5260

Conversions

Conversions Part 2

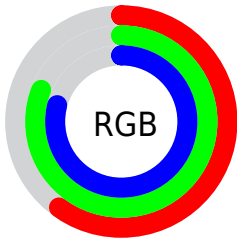
Format	Color
RYB	152, 181, 207
Decimal	10014665
CIELab	79.34, -18.97, -2.75
CIELCh	79, 19.164, 188.254
Yxy	55.5246, 0.2778, 0.3368
Android (android.graphics.Color)	4288204745 (0xFF98CFC9)
YUV	189.8710, 5.4866, -33.2129
Hunter-Lab	74.5148, -20.6872, 1.6003

Details

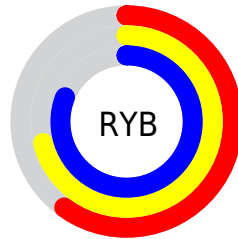
The YIQ color **189.8710, -30.8540, -13.5260** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **169.1290, 30.8540, 13.5260**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.9470, -28.0120, -9.9640**, and **136.1700, -30.2580, -13.3140** is the 20% darker color. If you saturate the color by 10%, you get **183.3640, -42.7280, -18.6000**, and if you desaturate by 10%, it is **196.3780, -18.9800, -8.4520**.

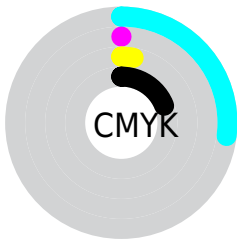
Distribution



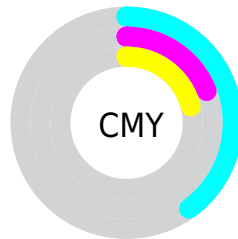
- Red (60%)
- Green (81%)
- Blue (79%)



- Red (60%)
- Yellow (71%)
- Blue (81%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (40%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.8710, -30.8540, -13.5260 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 189.8710, -30.8540, -13.5260 by changing the saturation by 10% instead.

■ 189.8710,
-30.8540, -13.5260

■ 189.8710,
-30.8540, -13.5260

■ 255.0000, -0.0000,
-0.0000

■ 162.2840,
-30.5790, -13.0030

■ 240.6480,
-28.6080, -10.1760

■ 136.1700,
-30.2580, -13.3140

■ 249.3190,
-11.3240, -4.0280

■ 109.8820,
-29.3870, -12.5790

■ 84.6970, -30.3040,
-12.4800

■ 59.8000, -32.0920,
-13.1160

■ 37.3980, -30.9000,
-12.6920

■ 22.6770, -18.3840,

-8.2400

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 189.8710,
-30.8540, -13.5260

■ 189.8710,
-30.8540, -13.5260

■ 183.3640,
-42.7280, -18.6000

■ 196.3780,
-18.9800, -8.4520

■ 177.0420,
-53.6850, -23.7730

■ 202.7000, -8.0230,
-3.2790

■ 170.5350,
-65.5590, -28.8470

■ 209.2070, 3.8510,
1.7950

■ 164.0280,
-77.4330, -33.9210

■ 215.7140, 15.7250,
6.8690

■ 157.5210,
-89.3070, -38.9950

■ 221.9220, 27.0030,
11.7310

■ 151.1990,
-100.2640, -44.1680

■ 222.2640, 26.0400,
12.6640

■ 144.6920,
-112.1380, -49.2420

■ 222.4920, 25.3980,
13.2860

■ 142.4850,
-115.9890, -51.0370

■ 222.7200, 24.7560,
13.9080

■ 222.9480, 24.1140,
14.5300

Harmonies

Analogous

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



191.4180, -16.4570, -15.6330



189.8710, -30.8540, -13.5260



190.6240, -37.2280, -8.1400

Triad

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



189.8710, -30.8540, -13.5260



198.7740, -1.6990, 14.2770



197.1910, 27.1430, -1.8250

Complementary

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



189.8710, -30.8540, -13.5260



169.1290, 30.8540, 13.5260

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.



198.5000, 30.9470, 6.3310



189.8710, -30.8540, -13.5260



200.0980, 14.9440, 15.5200

Square

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



189.8710, -30.8540, -13.5260



196.2170, -19.3040, 8.4400



199.5630, 26.6360, 12.8760



195.5870, 16.9200, -9.2880

Rectangle

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



189.8710, -30.8540, -13.5260



191.5690, -35.3950, -2.8110



199.5630, 26.6360, 12.8760



197.8540, 29.7100, 1.2140

Sweetspot

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



189.8710, -30.8540, -13.5260



248.7920, -11.2780, -4.8620



186.0790, -11.5490, -27.4930



123.8850, -7.1060, -3.3780



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.



189.8710, -30.8540, -13.5260



229.4560, -45.9830, -20.1830



178.2280, -27.0050, -0.6770



101.4830, -5.9140, -2.9540



115.7160, -94.3500, -41.2140



28.1710, -22.8310, -10.2470

Inverse Universe

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



169.1290, 30.8540, 13.5260



198.5440, 45.9830, 20.1830



180.7720, 27.0050, 0.6770



97.4030, 6.2350, 2.6430



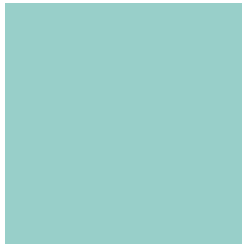
52.3980, 94.0290, 41.5250



12.7150, 23.1520, 9.9360

Previews

White Background



This preview shows how the YIQ color 189.8710, -30.8540, -13.5260 looks on a white background.

Color Contrast Check

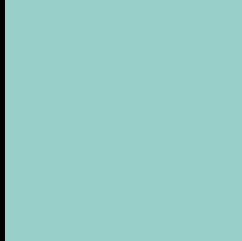
Large Text (above 18pt) WCAG AA × Fail

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 189.8710, -30.8540, -13.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

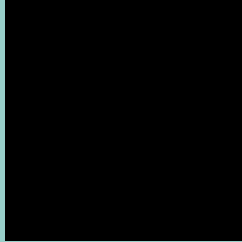
Any Text WCAG AA ✓ Pass

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 189.8710, -30.8540, -13.5260 Background



This preview shows how black text looks on a background with the YIQ color 189.8710, -30.8540, -13.5260.



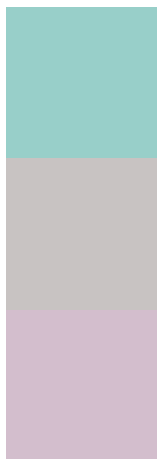
This preview shows how white text looks on a background with the YIQ color 189.8710, -30.8540, -13.5260.

-13.5260.

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

189.8710, -30.8540, -13.5260

Protanopia

196.3810, 3.3010, 0.7490

Deuteranopia

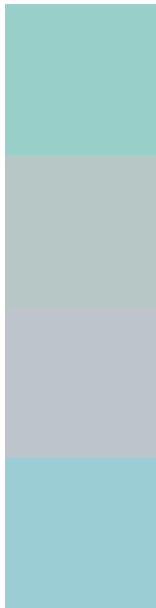
197.9890, 7.7010, 9.1170



Tritanopia

191.4720, -33.7440, -5.2000

Trichromacy



Original Color

189.8710, -30.8540, -13.5260

Protanomaly

193.9880, -8.8940, -4.0140

Deuteranomaly

195.1180, -6.1440, 1.2160

Tritanomaly

190.9620, -32.3680, -8.1120

Monochromacy



Original Color

189.8710, -30.8540, -13.5260

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.7920, -11.2780, -4.8620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8710, -30.8540, -13.5260 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, 207, 201)` looks like.

```
.text, #text, p{  
    color:rgb(152, 207, 201)  
}
```

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, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 207, 201) }
```

Border

The CSS property to change the border of an element to YIQ 189.8710, -30.8540, -13.5260 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, 207, 201) }
```


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

```
.border{ border-color:rgb(152, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(152, 207,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8710, -30.8540, -13.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 207, 201) }
```

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

```
.background{ background-color: rgb(152,  
207, 201) }
```

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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