

Converting Colors

YIQ(198.9130, -39.8400,
-15.8720)

Have a look what the booklet for
YIQ(198.9130, -39.8400, -15.8720)
contains.

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Color

**YIQ(198.9130, -39.8400,
-15.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	97DCD8
RGB	151, 220, 216
RGB Percent	59%, 86%, 85%
CMY	0.4080, 0.1371, 0.1531
CMYK	0.31, 0.00, 0.02, 0.14
HSL	176°, 50%, 73%
HSV	176°, 31%, 86%
XYZ	50.7450, 62.7327, 74.3730
YIQ	198.9130, -39.8400, -15.8720

Conversions

Conversions Part 2

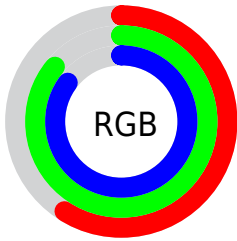
Format	Color
RYB	151, 187, 220
Decimal	9952472
CIELab	83.30, -22.40, -4.93
CIELCh	83, 22.937, 192.403
Yxy	62.7327, 0.2701, 0.3339
Android (android.graphics.Color)	4288142552 (0xFF97DCD8)
YUV	198.9130, 8.4239, -42.0197
Hunter-Lab	79.2040, -24.2443, -0.2309

Details

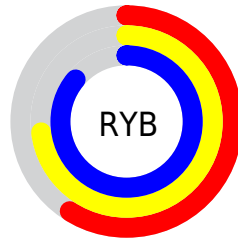
The YIQ color **198.9130, -39.8400, -15.8720** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **172.0870, 39.8400, 15.8720**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.6480, -28.6080, -10.1760**, and **144.2120, -39.2440, -15.6600** is the 20% darker color. If you saturate the color by 10%, you get **192.2210, -52.6310, -20.8470**, and if you desaturate by 10%, it is **205.6050, -27.0490, -10.8970**.

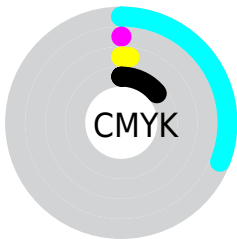
Distribution



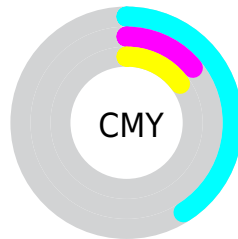
- Red (59%)
- Green (86%)
- Blue (85%)



- Red (59%)
- Yellow (73%)
- Blue (86%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (41%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.9130, -39.8400, -15.8720 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 198.9130, -39.8400, -15.8720 by changing the saturation by 10% instead.

■ 198.9130,
-39.8400, -15.8720

■ 198.9130,
-39.8400, -15.8720

■ 255.0000, -0.0000,
-0.0000

■ 171.2120,
-39.2440, -15.6600

■ 240.6480,
-28.6080, -10.1760

■ 144.2120,
-39.2440, -15.6600

■ 249.3190,
-11.3240, -4.0280

■ 117.3260,
-39.5650, -15.3490

■ 91.4290, -41.3530,
-15.9850

■ 63.1400, -47.9090,
-18.3170

■ 44.6360, -37.5020,
-14.1900

■ 29.3280, -24.7110,

-9.2150

■ 14.0200, -11.9200,
-4.2400

■ 0.0000, 0.0000,
0.0000

■ 198.9130,
-39.8400, -15.8720

■ 198.9130,
-39.8400, -15.8720

■ 192.2210,
-52.6310, -20.8470

■ 205.6050,
-27.0490, -10.8970

■ 185.4150,
-65.1010, -26.1330

■ 212.4110,
-14.5790, -5.6110

■ 178.7230,
-77.8920, -31.1080

■ 219.1030, -1.7880,
-0.6360

■ 172.0310,
-90.6830, -36.0830

■ 225.7950, 11.0030,
4.3390

■ 165.2250,
-103.1530, -41.3690

■ 230.6930, 20.2180,
8.0420

■ 158.5330,
-115.9440, -46.3440

■ 230.9210, 19.5760,
8.6640

■ 152.7380,
-126.9470, -50.6830

■ 231.0350, 19.2550,
8.9750

■ 231.1490, 18.9340,
9.2860

■ 231.3770, 18.2920,
9.9080

Harmonies

Analogous

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



200.6020, -22.9670, -18.7990



198.9130, -39.8400, -15.8720



199.7200, -46.3060, -8.8180

Triad

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



198.9130, -39.8400, -15.8720



210.4370, 0.8680, 17.3160



208.1760, 31.4990, -3.6770

Complementary

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



198.9130, -39.8400, -15.8720



172.0870, 39.8400, 15.8720

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.



209.9090, 37.0450, 5.9490



198.9130, -39.8400, -15.8720



211.7290, 20.5370, 18.7850

Square

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



198.9130, -39.8400, -15.8720



207.6130, -20.3590, 11.0410



210.7380, 33.5130, 14.8970



205.7780, 17.7000, -12.4120

Rectangle

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



198.9130, -39.8400, -15.8720



201.9750, -42.4100, -2.3300



210.7380, 33.5130, 14.8970



208.2520, 34.3410, -0.1150

Sweetspot

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



198.9130, -39.8400, -15.8720



248.0090, -13.3870, -5.1870



192.9980, -15.9950, -35.0270



123.4010, -8.6190, -3.4910



0.0000, 0.0000, 0.0000



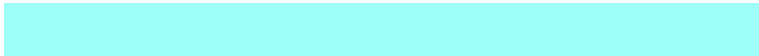
128.0000, -0.0000, -0.0000

Same Dimension

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



198.9130, -39.8400, -15.8720



225.3130, -55.8860, -22.4300



181.7590, -32.8740, 1.0620



106.5970, -6.2350, -2.6430



120.1330, -99.8980, -39.7860



31.9040, -26.4530, -10.6850

Inverse Universe

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



172.0870, 39.8400, 15.8720



187.6870, 55.8860, 22.4300



189.2410, 32.8740, -1.0620



102.2890, 6.5560, 2.3320



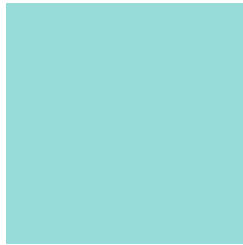
52.8670, 99.8980, 39.7860



14.0960, 26.4530, 10.6850

Previews

White Background



This preview shows how the YIQ color 198.9130, -39.8400, -15.8720 looks on a white background.

Color Contrast Check

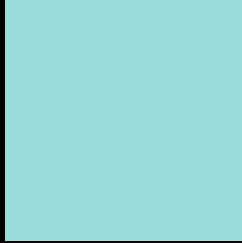
Large Text (above 18pt) WCAG AA × Fail

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 198.9130, -39.8400, -15.8720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

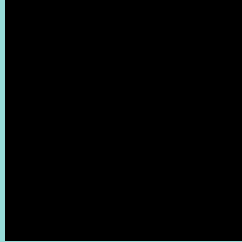
Any Text WCAG AA ✓ Pass

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 198.9130, -39.8400, -15.8720 Background



This preview shows how black text looks on a background with the YIQ color 198.9130, -39.8400, -15.8720.



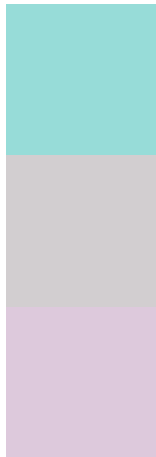
This preview shows how white text looks on a background with the YIQ color 198.9130, -39.8400, -15.8720.

-15.8720.

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

198.9130, -39.8400, -15.8720

Protanopia

207.4240, 1.7420, 1.4700

Deuteranopia

209.1460, 5.8210, 10.1490



Tritanopia

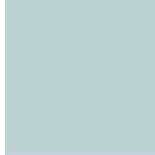
200.5140, -42.7300, -7.5460

Trichromacy



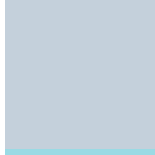
Original Color

198.9130, -39.8400, -15.8720



Protanomaly

204.4220, -13.1120, -4.6640



Deuteranomaly

205.6660, -10.6830, 0.8770



Tritanomaly

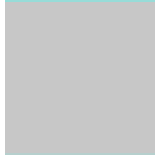
200.0040, -41.3540, -10.4580

Monochromacy



Original Color

198.9130, -39.8400, -15.8720



Achromatopsia

199.0000, -0.0000, 0.0000



Achromatomaly

199.2970, -14.2580, -5.9220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.9130, -39.8400, -15.8720 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(151, 220, 216)` looks like.

```
.text, #text, p{  
    color:rgb(151, 220, 216)  
}
```

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(151, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 220, 216) }
```

Border

The CSS property to change the border of an element to YIQ 198.9130, -39.8400, -15.8720 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(151, 220, 216) }
```


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

```
.border{ border-color:rgb(151, 220, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(151, 220,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 198.9130, -39.8400, -15.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 220, 216) }
```

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

```
.background{ background-color: rgb(151,  
220, 216) }
```

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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