

Converting Colors

YIQ(198.3870, -32.3670,
-13.6390)

Have a look what the booklet for
YIQ(198.3870, -32.3670, -13.6390)
contains.

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Color

**YIQ(198.3870, -32.3670,
-13.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD8D3
RGB	159, 216, 211
RGB Percent	62%, 85%, 83%
CMY	0.3766, 0.1528, 0.1727
CMYK	0.26, 0.00, 0.02, 0.15
HSL	175°, 42%, 74%
HSV	175°, 26%, 85%
XYZ	50.6070, 61.1929, 70.7513
YIQ	198.3870, -32.3670, -13.6390

Conversions

Conversions Part 2

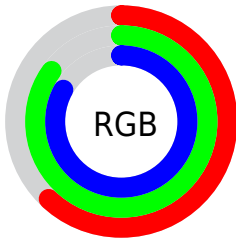
Format	Color
RYB	159, 189, 216
Decimal	10475731
CIELab	82.48, -19.24, -3.43
CIElCh	82, 19.543, 190.115
Yxy	61.1929, 0.2772, 0.3352
Android (android.graphics.Color)	4288665811 (0xFF9FD8D3)
YUV	198.3870, 6.2182, -34.5424
Hunter-Lab	78.2259, -21.4176, 1.1334

Details

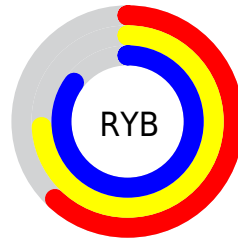
The YIQ color **198.3870, -32.3670, -13.6390** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.6130, 32.3670, 13.6390**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0400, -23.8400, -8.4800**, and **144.0990, -31.4960, -12.9040** is the 20% darker color. If you saturate the color by 10%, you get **191.5810, -44.8370, -18.9250**, and if you desaturate by 10%, it is **205.1930, -19.8970, -8.3530**.

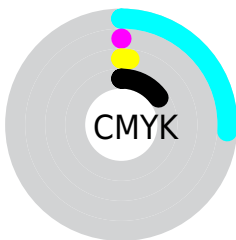
Distribution



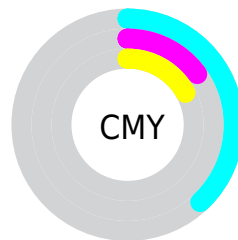
- Red (62%)
- Green (85%)
- Blue (83%)



- Red (62%)
- Yellow (74%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (38%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.3870, -32.3670, -13.6390 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 198.3870, -32.3670, -13.6390 by changing the saturation by 10% instead.

■ 198.3870,
-32.3670, -13.6390

■ 198.3870,
-32.3670, -13.6390

■ 255.0000, -0.0000,
-0.0000

■ 170.6860,
-31.7710, -13.4270

■ 243.0400,
-23.8400, -8.4800

■ 144.0990,
-31.4960, -12.9040

■ 251.7110, -6.5560,
-2.3320

■ 117.9850,
-31.1750, -13.2150

■ 92.0990, -31.4960,
-12.9040

■ 67.5010, -32.6880,
-13.3280

■ 42.4190, -35.3930,
-13.8650

■ 27.1110, -22.6020,

-8.8900

■ 11.2160, -9.5360,
-3.3920

■ 0.0000, 0.0000,
0.0000

■ 198.3870,
-32.3670, -13.6390

■ 198.3870,
-32.3670, -13.6390

■ 191.5810,
-44.8370, -18.9250

■ 205.1930,
-19.8970, -8.3530

■ 185.0740,
-56.7110, -23.9990

■ 211.7000, -8.0230,
-3.2790

■ 178.2680,
-69.1810, -29.2850

■ 218.5060, 4.4470,
2.0070

■ 171.7610,
-81.0550, -34.3590

■ 225.0130, 16.3210,
7.0810

■ 164.9550,
-93.5250, -39.6450

■ 228.2310, 21.6390,
9.8230

■ 158.1490,
-105.9950, -44.9310

■ 228.3450, 21.3180,
10.1340

■ 151.7560,
-118.1900, -49.6940

■ 228.5730, 20.6760,
10.7560

■ 149.2500,
-122.6370, -51.7010

■ 228.8010, 20.0340,
11.3780

■ 229.0290, 19.3920,
12.0000

Harmonies

Analogous

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



199.5210, -18.2450, -16.2690



198.3870, -32.3670, -13.6390



199.4390, -38.1450, -8.0410

Triad

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



198.3870, -32.3670, -13.6390



207.9590, -0.7820, 14.1780



205.9630, 27.7850, -2.4470

Complementary

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



198.3870, -32.3670, -13.6390



176.6130, 32.3670, 13.6390

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.



207.5710, 32.1850, 5.9210



198.3870, -32.3670, -13.6390



208.9950, 16.7320, 16.1560

Square

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



198.3870, -32.3670, -13.6390



205.5160, -18.7080, 8.6520



208.1610, 27.8280, 13.3000



203.8750, 16.0490, -10.0230

Rectangle

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



198.3870, -32.3670, -13.6390



200.6830, -35.7160, -2.5000



208.1610, 27.8280, 13.3000



206.3270, 29.7560, 0.3800

Sweetspot

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



198.3870, -32.3670, -13.6390



248.7920, -11.2780, -4.8620



194.2530, -12.0990, -28.5390



123.8850, -7.1060, -3.3780



0.0000, 0.0000, 0.0000



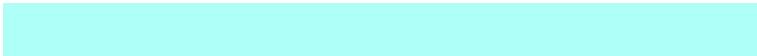
128.0000, -0.0000, -0.0000

Same Dimension

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



198.3870, -32.3670, -13.6390



229.6840, -46.6250, -19.5610



185.4560, -27.6470, -0.0550



103.5970, -6.2350, -2.6430



118.1610, -97.1010, -40.9170



29.8010, -24.6650, -10.0490

Inverse Universe

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



176.6130, 32.3670, 13.6390



198.4300, 46.3040, 19.8720



189.5440, 27.6470, 0.0550



99.4030, 6.2350, 2.6430



52.8390, 97.1010, 40.9170



13.3130, 24.3440, 10.3600

Previews

White Background



This preview shows how the YIQ color 198.3870, -32.3670, -13.6390 looks on a white background.

Color Contrast Check

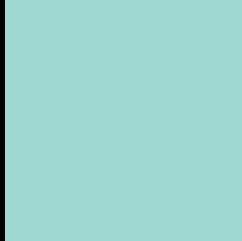
Large Text (above 18pt) WCAG AA × Fail

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 198.3870, -32.3670, -13.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

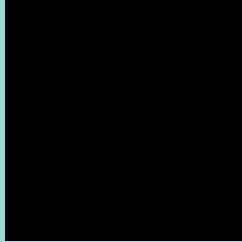
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

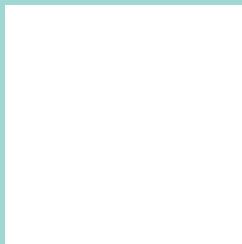
Any Text WCAG AAA ✓ Pass

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

YIQ 198.3870, -32.3670, -13.6390 Background



This preview shows how black text looks on a background with the YIQ color 198.3870, -32.3670, -13.6390.



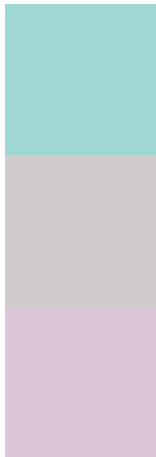
This preview shows how white text looks on a background with the YIQ color 198.3870, -32.3670, -13.6390.

-13.6390.

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

198.3870, -32.3670, -13.6390

Protanopia

205.1960, 2.3840, 0.8480

Deuteranopia

206.5160, 7.6550, 9.9510



Tritanopia

199.9880, -35.2570, -5.3130

Trichromacy



Original Color

198.3870, -32.3670, -13.6390

Protanomaly

202.5040, -10.4070, -4.1270

Deuteranomaly

203.9330, -7.0610, 1.3150

Tritanomaly

199.4780, -33.8810, -8.2250

Monochromacy



Original Color

198.3870, -32.3670, -13.6390

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.4930, -11.8740, -5.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3870, -32.3670, -13.6390 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(159, 216, 211)` looks like.

```
.text, #text, p{  
    color:rgb(159, 216, 211)  
}
```

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(159, 216, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 216, 211) }
```

Border

The CSS property to change the border of an element to YIQ 198.3870, -32.3670, -13.6390 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(159, 216, 211) }
```


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

```
.border{ border-color:rgb(159, 216, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 216, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 216, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 216, 211);  
box-shadow:4px 4px 4px 4px rgb(159, 216,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3870, -32.3670, -13.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 216, 211) }
```

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

```
.background{ background-color: rgb(159,  
216, 211) }
```

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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