

Converting Colors

YIQ(197.0440, -38.8310,
-17.6390)

Have a look what the booklet for
YIQ(197.0440, -38.8310, -17.6390)
contains.

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Color

**YIQ(197.0440, -38.8310,
-17.6390)**

Conversions

Conversions Part 1

Format	Color
Hex	95DBD2
RGB	149, 219, 210
RGB Percent	58%, 86%, 82%
CMY	0.4158, 0.1410, 0.1766
CMYK	0.32, 0.00, 0.04, 0.14
HSL	172°, 49%, 72%
HSV	172°, 32%, 86%
XYZ	49.3538, 61.7151, 70.2592
YIQ	197.0440, -38.8310, -17.6390

Conversions

Conversions Part 2

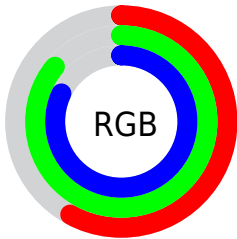
Format	Color
R _{YB}	149, 186, 219
Decimal	9821138
CIE Lab	82.76, -23.82, -2.55
CIE LCh	83, 23.952, 186.107
Yxy	61.7151, 0.2722, 0.3404
Android (android.graphics.Color)	4288011218 (0xFF95DBD2)
YUV	197.0440, 6.3873, -42.1346
Hunter-Lab	78.5589, -25.3375, 1.9652

Details

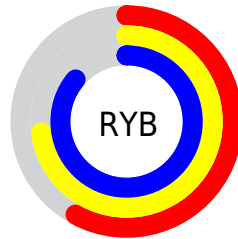
The YIQ color **197.0440, -38.8310, -17.6390** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **170.9560, 38.8310, 17.6390**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.0500, -29.8000, -10.6000**, and **142.4570, -38.5560, -17.1160** is the 20% darker color. If you saturate the color by 10%, you get **190.1240, -50.9800, -23.2360**, and if you desaturate by 10%, it is **203.9640, -26.6820, -12.0420**.

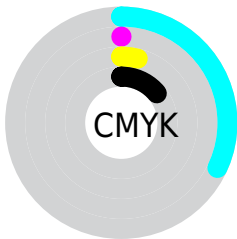
Distribution



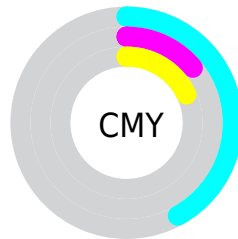
- Red (58%)
- Green (86%)
- Blue (82%)



- Red (58%)
- Yellow (73%)
- Blue (86%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (42%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.0440, -38.8310, -17.6390 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 197.0440, -38.8310, -17.6390 by changing the saturation by 10% instead.

■ 197.0440,
-38.8310, -17.6390

■ 197.0440,
-38.8310, -17.6390

■ 255.0000, -0.0000,
-0.0000

■ 169.3430,
-38.2350, -17.4270

■ 240.0500,
-29.8000, -10.6000

■ 142.4570,
-38.5560, -17.1160

■ 248.7210,
-12.5160, -4.4520

■ 115.5710,
-38.8770, -16.8050

■ 89.8590, -39.7480,
-17.5400

■ 61.3850, -47.2210,
-19.7730

■ 43.5930, -35.9430,
-14.9110

■ 28.1710, -22.8310,

-10.2470

■ 12.2760, -9.7650,
-4.7490

■ 0.0000, 0.0000,
0.0000

■ 197.0440,
-38.8310, -17.6390

■ 197.0440,
-38.8310, -17.6390

■ 190.1240,
-50.9800, -23.2360

■ 203.9640,
-26.6820, -12.0420

■ 183.2040,
-63.1290, -28.8330

■ 210.8840,
-14.5330, -6.4450

■ 176.2840,
-75.2780, -34.4300

■ 217.6900, -2.0630,
-1.1590

■ 169.4780,
-87.7480, -39.7160

■ 224.6100, 10.0860,
4.4380

■ 162.5580,
-99.8970, -45.3130

■ 230.3340, 19.8510,
9.1870

■ 155.9370,
-111.4500, -50.6980

■ 230.6760, 18.8880,
10.1200

■ 150.3270,
-121.5360, -55.1360

■ 231.0180, 17.9250,
11.0530

■ 231.3600, 16.9620,
11.9860

■ 231.5880, 16.3200,
12.6080

Harmonies

Analogous

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



198.9290, -19.5740, -19.7180



197.0440, -38.8310, -17.6390



197.4700, -48.5980, -11.3340

Triad

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



197.0440, -38.8310, -17.6390



208.9850, -3.6710, 16.9770



207.1980, 34.4330, -1.7830

Complementary

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



197.0440, -38.8310, -17.6390



170.9560, 38.8310, 17.6390

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.



208.3870, 38.6950, 9.0870



197.0440, -38.8310, -17.6390



209.8150, 17.4190, 20.2270

Square

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



197.0440, -38.8310, -17.6390



205.0360, -26.0440, 9.4440



209.9060, 33.1000, 16.8760



204.7570, 22.1930, -11.2390

Rectangle

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



197.0440, -38.8310, -17.6390



199.3550, -46.5360, -4.6480



209.9060, 33.1000, 16.8760



207.2740, 37.2750, 1.7790

Sweetspot

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



197.0440, -38.8310, -17.6390



247.1830, -13.9370, -6.2330



192.7810, -13.8860, -34.7020



122.9880, -8.8940, -4.0140



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.



197.0440, -38.8310, -17.6390



224.5150, -53.6390, -24.6070



182.8080, -34.5700, -1.2420



106.4830, -5.9140, -2.9540



118.7650, -96.0460, -43.5180



31.5620, -25.4900, -11.6180

Inverse Universe

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



170.9560, 38.8310, 17.6390



188.4850, 53.6390, 24.6070



185.1920, 34.5700, 1.2420



102.4030, 6.2350, 2.6430



54.2350, 96.0460, 43.5180



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 197.0440, -38.8310, -17.6390 looks on a white background.

Color Contrast Check

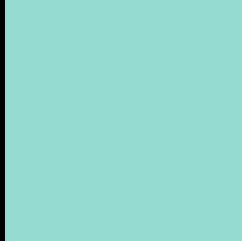
Large Text (above 18pt) WCAG AA × Fail

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 197.0440, -38.8310, -17.6390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

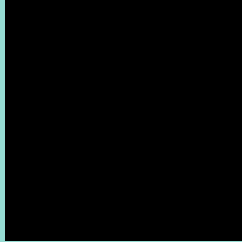
Any Text WCAG AA ✓ Pass

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 197.0440, -38.8310, -17.6390 Background



This preview shows how black text looks on a background with the YIQ color 197.0440, -38.8310, -17.6390.



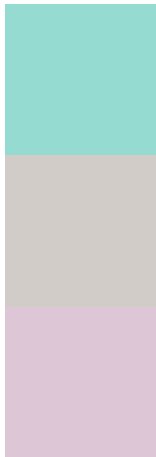
This preview shows how white text looks on a background with the YIQ color 197.0440, -38.8310, -17.6390.

-17.6390.

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

197.0440, -38.8310, -17.6390

Protanopia

205.4520, 4.5390, 0.3390

Deuteranopia

207.2880, 8.2970, 9.3290



Tritanopia

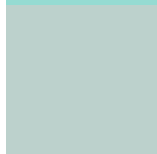
199.4000, -42.4090, -7.8570

Trichromacy



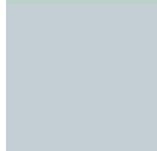
Original Color

197.0440, -38.8310, -17.6390



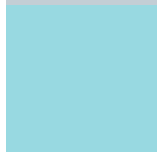
Protanomaly

202.1510, -10.9110, -6.0070



Deuteranomaly

203.5090, -8.8030, -0.1550



Tritanomaly

198.4770, -41.3080, -11.2920

Monochromacy



Original Color

197.0440, -38.8310, -17.6390



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

197.1830, -13.9370, -6.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.0440, -38.8310, -17.6390 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(149, 219, 210)` looks like.

```
.text, #text, p{  
    color:rgb(149, 219, 210)  
}
```

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(149, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 219, 210) }
```

Border

The CSS property to change the border of an element to YIQ 197.0440, -38.8310, -17.6390 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(149, 219, 210) }
```


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

```
.border{ border-color:rgb(149, 219, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 219, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(149, 219,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 197.0440, -38.8310, -17.6390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 219, 210) }
```

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

```
.background{ background-color: rgb(149,  
219, 210) }
```

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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