

Converting Colors

YIQ(201.4880, -39.8410,
-10.3450)

Have a look what the booklet for
YIQ(201.4880, -39.8410, -10.3450)
contains.

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Color

**YIQ(201.4880, -39.8410,
-10.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	9DDBE4
RGB	157, 219, 228
RGB Percent	62%, 86%, 89%
CMY	0.3844, 0.1411, 0.1060
CMYK	0.31, 0.04, 0.00, 0.11
HSL	188°, 57%, 75%
HSV	188°, 31%, 89%
XYZ	53.2336, 63.4402, 82.8076
YIQ	201.4880, -39.8410, -10.3450

Conversions

Conversions Part 2

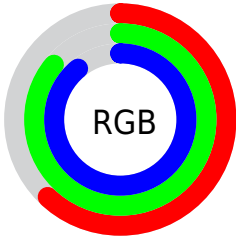
Format	Color
RYB	157, 190, 228
Decimal	10345444
CIELab	83.67, -17.48, -10.71
CIELCh	84, 20.498, 211.489
Yxy	63.4402, 0.2669, 0.3180
Android (android.graphics.Color)	4288535524 (0xFF9DDBE4)
YUV	201.4880, 13.0704, -39.0160
Hunter-Lab	79.6494, -20.0859, -5.8864

Details

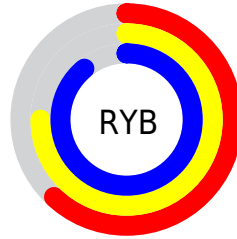
The YIQ color **201.4880, -39.8410, -10.3450** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183.5120, 39.8410, 10.3450**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, -25.0320, -8.9040**, and **146.7870, -39.2450, -10.1330** is the 20% darker color. If you saturate the color by 10%, you get **192.8500, -52.7240, -13.6520**, and if you desaturate by 10%, it is **210.1260, -26.9580, -7.0380**.

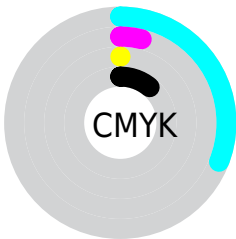
Distribution



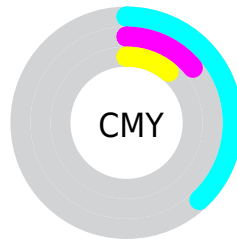
- Red (62%)
- Green (86%)
- Blue (89%)



- Red (62%)
- Yellow (75%)
- Blue (89%)



- Cyan (31%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.4880, -39.8410, -10.3450 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 201.4880, -39.8410, -10.3450 by changing the saturation by 10% instead.

■ 201.4880,
-39.8410, -10.3450

■ 201.4880,
-39.8410, -10.3450

■ 255.0000, -0.0000,
-0.0000

■ 173.7870,
-39.2450, -10.1330

■ 242.4420,
-25.0320, -8.9040

■ 146.7870,
-39.2450, -10.1330

■ 251.1130, -7.7480,
-2.7560

■ 120.3740,
-39.5200, -10.6560

■ 94.0750, -40.1160,
-10.8680

■ 67.3950, -44.0130,
-11.8290

■ 45.7760, -40.7120,
-11.0800

■ 30.2400, -27.2790,

-6.7270

■ 16.2200, -15.3590,
-2.4870

■ 0.0000, 0.0000,
0.0000

■ 201.4880,
-39.8410, -10.3450

■ 201.4880,
-39.8410, -10.3450

■ 192.8500,
-52.7240, -13.6520

■ 210.1260,
-26.9580, -7.0380

■ 184.2120,
-65.6070, -16.9590

■ 218.7640,
-14.0750, -3.7310

■ 175.8730,
-77.8940, -20.0540

■ 227.1030, -1.7880,
-0.6360

■ 167.8220,
-91.0520, -23.8840

■ 235.1540, 11.3700,
3.1940

■ 159.1840,
-103.9350, -27.1910

■ 239.0080, 14.7170,
3.1090

■ 150.5460,
-116.8180, -30.4980

■ 240.7690, 13.8920,
1.5400

■ 142.8050,
-127.9130, -33.1690

■ 242.5300, 13.0670,
-0.0290

■ 244.2910, 12.2420,
-1.5980

■ 246.0520, 11.4170,
-3.1670

Harmonies

Analogous

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



201.7030, -30.4410, -15.5050



201.4880, -39.8410, -10.3450



204.3130, -37.5500, -2.3020

Triad

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



201.4880, -39.8410, -10.3450



212.3690, 12.7430, 16.8630



208.1530, 21.1380, -8.6380

Complementary

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



201.4880, -39.8410, -10.3450



183.5120, 39.8410, 10.3450

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.



209.6970, 31.5900, 0.1820



201.4880, -39.8410, -10.3450



212.0300, 26.8190, 15.0670

Square

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



201.4880, -39.8410, -10.3450



210.3220, -6.2380, 13.9380



211.0490, 33.8350, 9.0590



205.6670, 4.7710, -14.8850

Rectangle

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



201.4880, -39.8410, -10.3450



206.3080, -29.9860, 3.7900



211.0490, 33.8350, 9.0590



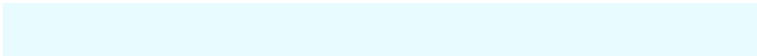
208.3000, 25.2180, -5.4860

Sweetspot

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



201.4880, -39.8410, -10.3450



246.3620, -12.8830, -3.3070



199.5890, -22.0930, -34.6450



122.3410, -8.3900, -2.1340



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.



201.4880, -39.8410, -10.3450



219.8500, -52.7240, -13.6520



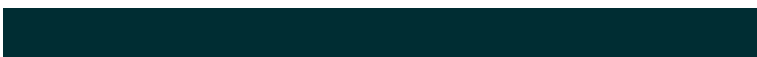
180.9430, -30.2160, 7.9600



110.2380, -6.6020, -1.4980



111.9780, -100.3590, -25.9190



32.2290, -28.7460, -7.6740

Inverse Universe

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



185.2970, 22.4140, 34.3340



198.4540, 29.7020, 45.4300



204.0570, 30.2160, -7.9600



107.7280, 3.9420, 5.6540



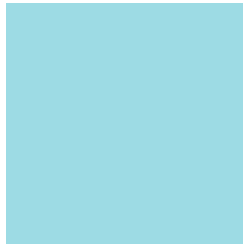
71.3050, 56.6080, 86.4640



20.3790, 15.9510, 24.8070

Previews

White Background



This preview shows how the YIQ color 201.4880, -39.8410, -10.3450 looks on a white background.

Color Contrast Check

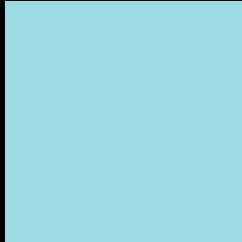
Large Text (above 18pt) WCAG AA × Fail

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 201.4880, -39.8410, -10.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

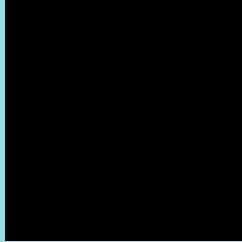
Any Text WCAG AA ✓ Pass

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 201.4880, -39.8410, -10.3450 Background



This preview shows how black text looks on a background with the YIQ color 201.4880, -39.8410, -10.3450.



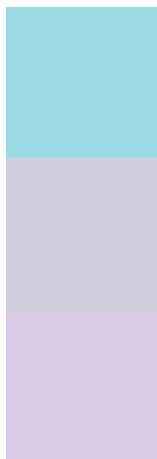
This preview shows how white text looks on a background with the YIQ color 201.4880, -39.8410, -10.3450.

-10.3450.

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

201.4880, -39.8410, -10.3450

Protanopia

208.7810, -3.5770, 4.2550

Deuteranopia

209.7910, -0.3690, 12.1990



Tritanopia

202.2970, -40.6210, -7.2210

Trichromacy



Original Color

201.4880, -39.8410, -10.3450

Protanomaly

205.7900, -16.9640, -0.9320

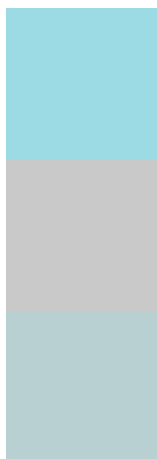
Deuteranomaly

206.6210, -14.8100, 4.0860

Tritanomaly

201.6560, -40.2540, -8.3660

Monochromacy



Original Color

201.4880, -39.8410, -10.3450

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.4650, -14.6710, -3.9430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.4880, -39.8410, -10.3450 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(157, 219, 228)` looks like.

```
.text, #text, p{  
    color:rgb(157, 219, 228)  
}
```

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(157, 219, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 219, 228) }
```

Border

The CSS property to change the border of an element to YIQ 201.4880, -39.8410, -10.3450 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(157, 219, 228) }
```


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

```
.border{ border-color:rgb(157, 219, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 219, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 219, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 219, 228);  
box-shadow:4px 4px 4px 4px rgb(157, 219,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 201.4880, -39.8410, -10.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 219, 228) }
```

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

```
.background{ background-color: rgb(157,  
219, 228) }
```

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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