

Converting Colors

YIQ(171.9190, -39.9770,
-18.8970)

Have a look what the booklet for
YIQ(171.9190, -39.9770, -18.8970)
contains.

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Color

**YIQ(171.9190, -39.9770,
-18.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	7AC3B8
RGB	122, 195, 184
RGB Percent	48%, 76%, 72%
CMY	0.5217, 0.2352, 0.2786
CMYK	0.37, 0.00, 0.06, 0.24
HSL	171°, 38%, 62%
HSV	171°, 37%, 76%
XYZ	36.1892, 46.6373, 52.4209
YIQ	171.9190, -39.9770, -18.8970

Conversions

Conversions Part 2

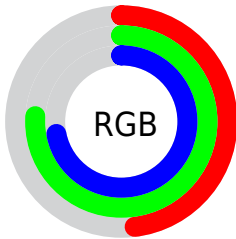
Format	Color
RYB	122, 161, 195
Decimal	8045496
CIELab	73.96, -25.35, -1.65
CIELCh	74, 25.404, 183.730
Yxy	46.6373, 0.2676, 0.3448
Android (android.graphics.Color)	4286235576 (0xFF7AC3B8)
YUV	171.9190, 5.9559, -43.7790
Hunter-Lab	68.2915, -24.9189, 2.2927

Details

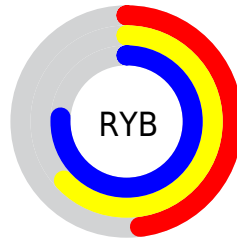
The YIQ color **171.9190, -39.9770, -18.8970** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.0810, 39.9770, 18.8970**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.2070, -40.8480, -19.6320**, and **118.0330, -40.2980, -18.5860** is the 20% darker color. If you saturate the color by 10%, you get **165.5970, -50.9340, -24.0700**, and if you desaturate by 10%, it is **177.9420, -29.6160, -13.9360**.

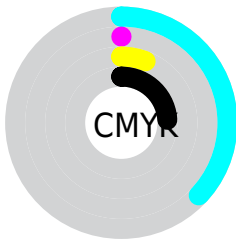
Distribution



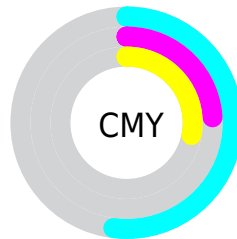
- Red (48%)
- Green (76%)
- Blue (72%)



- Red (48%)
- Yellow (63%)
- Blue (76%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (52%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.9190, -39.9770, -18.8970 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 171.9190, -39.9770, -18.8970 by changing the saturation by 10% instead.

■ 171.9190,
-39.9770, -18.8970

■ 171.9190,
-39.9770, -18.8970

■ 255.0000, -0.0000,
-0.0000

■ 144.9190,
-39.9770, -18.8970

■ 228.2070,
-40.8480, -19.6320

■ 118.0330,
-40.2980, -18.5860

■ 240.3490,
-29.2040, -10.3880

■ 91.5490, -41.8110,
-18.6990

■ 249.0200,
-11.9200, -4.2400

■ 62.4770, -50.4760,
-21.3560

■ 46.0550, -37.3640,
-16.6920

■ 30.0460, -23.9770,
-11.5050

■ 15.3250, -11.4610,

-7.0530

■ 0.0000, 0.0000,
0.0000

■ 171.9190,
-39.9770, -18.8970

■ 171.9190,
-39.9770, -18.8970

■ 165.5970,
-50.9340, -24.0700

■ 177.9420,
-29.6160, -13.9360

■ 159.5740,
-61.2950, -29.0310

■ 184.2640,
-18.6590, -8.7630

■ 153.2520,
-72.2520, -34.2040

■ 190.2870, -8.2980,
-3.8020

■ 147.2290,
-82.6130, -39.1650

■ 196.6090, 2.6590,
1.3710

■ 140.9070,
-93.5700, -44.3380

■ 202.6320, 13.0200,
6.3320

■ 134.8840,
-103.9310, -49.2990

■ 208.9540, 23.9770,
11.5050

■ 133.2750,
-106.5900, -50.6700

■ 214.0800, 32.5500,
15.8300

■ 214.4220, 31.5870,
16.7630

■ 214.7640, 30.6240,
17.6960

Harmonies

Analogous

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



174.5870, -18.6110, -20.6510



171.9190, -39.9770, -18.8970



171.5620, -51.8530, -12.9170

Triad

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



171.9190, -39.9770, -18.8970



184.4300, -6.4220, 17.2740



182.5080, 36.4960, -0.6240

Complementary

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



171.9190, -39.9770, -18.8970



145.0810, 39.9770, 18.8970

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.



184.0990, 39.5660, 9.8220



171.9190, -39.9770, -18.8970



185.7440, 16.1810, 20.6370

Square

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



171.9190, -39.9770, -18.8970



180.3560, -29.9410, 8.4830



185.5470, 32.7330, 18.0210



180.2410, 23.7060, -11.1260

Rectangle

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



171.9190, -39.9770, -18.8970



173.2620, -50.7080, -6.1320



185.5470, 32.7330, 18.0210



183.2850, 38.7420, 2.7260

Sweetspot

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



171.9190, -39.9770, -18.8970



243.4710, -14.8080, -6.9680



168.4390, -12.9230, -35.6350



122.5750, -9.1690, -4.5370



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.



171.9190, -39.9770, -18.8970



216.2750, -61.8910, -29.2430



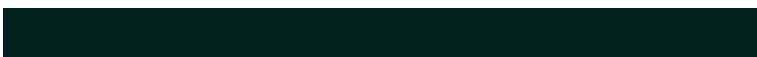
159.0850, -36.9080, -2.9240



93.7820, -5.3180, -2.7420



110.0110, -87.9310, -41.9070



22.5630, -18.0630, -8.5510

Inverse Universe

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



145.0810, 39.9770, 18.8970



174.7250, 61.8910, 29.2430



157.9150, 36.9080, 2.9240



90.2180, 5.3180, 2.7420



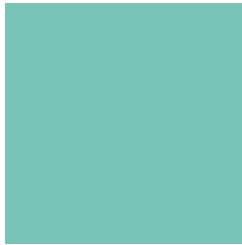
50.8750, 88.2520, 41.5960



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 171.9190, -39.9770, -18.8970 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 171.9190, -39.9770, -18.8970 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 171.9190, -39.9770, -18.8970 Background



This preview shows how black text looks on a background with the YIQ color 171.9190, -39.9770, -18.8970.



This preview shows how white text looks on a background with the YIQ color 171.9190, -39.9770, -18.8970.

-18.8970.

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

171.9190, -39.9770, -18.8970

Protanopia

180.9250, 4.5850, -0.4950

Deuteranopia

182.4620, 7.7470, 8.2830



Tritanopia

174.5740, -42.9590, -8.9030

Trichromacy



Original Color

171.9190, -39.9770, -18.8970

Protanomaly

177.3250, -11.4610, -7.0530

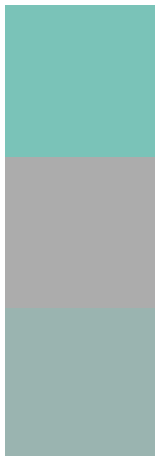
Deuteranomaly

178.3840, -9.9490, -1.4130

Tritanomaly

173.6510, -41.8580, -12.3380

Monochromacy



Original Color

171.9190, -39.9770, -18.8970

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.7700, -14.2120, -6.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.9190, -39.9770, -18.8970 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(122, 195, 184)` looks like.

```
.text, #text, p{  
    color:rgb(122, 195, 184)  
}
```

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(122, 195, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 195, 184) }
```

Border

The CSS property to change the border of an element to YIQ 171.9190, -39.9770, -18.8970 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(122, 195, 184) }
```


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

```
.border{ border-color:rgb(122, 195, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 195, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(122, 195,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 171.9190, -39.9770, -18.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 195, 184) }
```

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

```
.background{ background-color: rgb(122,  
195, 184) }
```

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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