

Converting Colors

YIQ(173.0930, -40.5270,
-19.9430)

Have a look what the booklet for
YIQ(173.0930, -40.5270, -19.9430)
contains.

YIQ(173.0930, -40.5270, -19.9430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(173.0930, -40.5270,
-19.9430)**

Conversions

Conversions Part 1

Format	Color
Hex	7AC5B8
RGB	122, 197, 184
RGB Percent	48%, 77%, 72%
CMY	0.5217, 0.2273, 0.2786
CMYK	0.38, 0.00, 0.07, 0.23
HSL	170°, 39%, 63%
HSV	170°, 38%, 77%
XYZ	36.6404, 47.5400, 52.5713
YIQ	173.0930, -40.5270, -19.9430

Conversions

Conversions Part 2

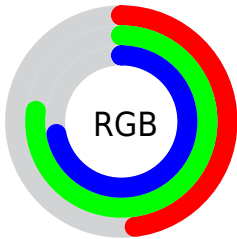
Format	Color
R_{YB}	122, 163, 197
Decimal	8046008
CIE _{Lab}	74.53, -26.34, -0.81
CIE _{LCh}	75, 26.349, 181.758
Yxy	47.5400, 0.2679, 0.3476
Android (android.graphics.Color)	4286236088 (0xFF7AC5B8)
YUV	173.0930, 5.3772, -44.8086
Hunter-Lab	68.9493, -25.8043, 3.0580

Details

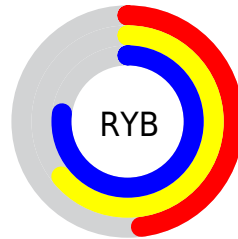
The YIQ color **173.0930, -40.5270, -19.9430** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.9070, 40.5270, 19.9430**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3810, -41.3980, -20.6780**, and **119.2070, -40.8480, -19.6320** is the 20% darker color. If you saturate the color by 10%, you get **166.7710, -51.4840, -25.1160**, and if you desaturate by 10%, it is **179.4150, -29.5700, -14.7700**.

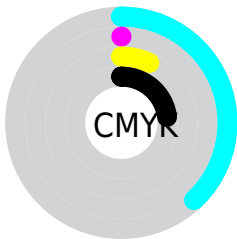
Distribution



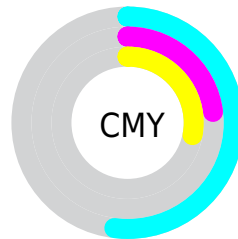
- Red (48%)
- Green (77%)
- Blue (72%)



- Red (48%)
- Yellow (64%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.0930, -40.5270, -19.9430 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 173.0930, -40.5270, -19.9430 by changing the saturation by 10% instead.

■ 173.0930,
-40.5270, -19.9430

■ 173.0930,
-40.5270, -19.9430

■ 255.0000, -0.0000,
-0.0000

■ 146.0930,
-40.5270, -19.9430

■ 229.3810,
-41.3980, -20.6780

■ 119.2070,
-40.8480, -19.6320

■ 240.3490,
-29.2040, -10.3880

■ 92.4240, -42.9570,
-19.9570

■ 249.0200,
-11.9200, -4.2400

■ 63.3520, -51.6220,
-22.6140

■ 46.6420, -37.6390,
-17.2150

■ 30.6330, -24.2520,
-12.0280

■ 16.4990, -12.0110,

-8.0990

■ 0.0000, 0.0000,
0.0000

■ 173.0930,
-40.5270, -19.9430

■ 173.0930,
-40.5270, -19.9430

■ 166.7710,
-51.4840, -25.1160

■ 179.4150,
-29.5700, -14.7700

■ 160.6340,
-61.5240, -30.3880

■ 185.5520,
-19.5300, -9.4980

■ 154.3120,
-72.4810, -35.5610

■ 191.8740, -8.5730,
-4.3250

■ 147.8760,
-83.1170, -41.0450

■ 198.3100, 2.0630,
1.1590

■ 141.5540,
-94.0740, -46.2180

■ 204.3330, 12.4240,
6.1200

■ 135.4170,
-104.1140, -51.4900

■ 210.7690, 23.0600,
11.6040

■ 134.2210,
-106.4980, -52.3380

■ 215.5960, 31.0370,
15.7170

■ 215.9380, 30.0740,
16.6500

■ 216.3940, 28.7900,
17.8940

Harmonies

Analogous

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



176.3590, -17.9690, -21.2730



173.0930, -40.5270, -19.9430



172.2520, -53.9160, -14.0760

Triad

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



173.0930, -40.5270, -19.9430



185.9460, -7.9350, 17.1610



183.9920, 38.0090, -0.5110

Complementary

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



173.0930, -40.5270, -19.9430



145.9070, 40.5270, 19.9430

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.



186.1100, 41.0330, 10.7690



173.0930, -40.5270, -19.9430



187.3850, 15.8140, 21.7820

Square

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



173.0930, -40.5270, -19.9430



181.5730, -32.0500, 8.1580



187.3730, 33.2830, 19.0670



182.0240, 25.8150, -10.8010

Rectangle

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



173.0930, -40.5270, -19.9430



174.3540, -53.9630, -7.7150



187.3730, 33.2830, 19.0670



184.8830, 39.9340, 3.1500

Sweetspot

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



173.0930, -40.5270, -19.9430



246.0580, -15.0830, -7.4910



170.2110, -12.2810, -36.2570



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.



173.0930, -40.5270, -19.9430



217.7370, -63.3120, -31.0240



160.4870, -38.1000, -3.3480



96.1950, -5.0430, -2.2190



111.0710, -88.1600, -43.2640



24.4380, -19.2090, -9.8090

Inverse Universe

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



145.9070, 40.5270, 19.9430



175.2630, 63.3120, 31.0240



158.5130, 38.1000, 3.3480



92.8050, 5.0430, 2.2190



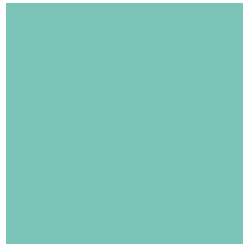
51.9290, 88.1600, 43.2640



11.4480, 19.5300, 9.4980

Previews

White Background



This preview shows how the YIQ color 173.0930, -40.5270, -19.9430 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 173.0930, -40.5270, -19.9430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

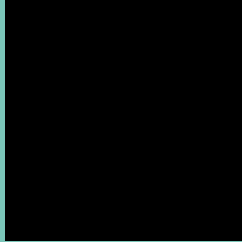
Any Text WCAG AA ✓ Pass

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 173.0930, -40.5270, -19.9430 Background



This preview shows how black text looks on a background with the YIQ color 173.0930, -40.5270, -19.9430.



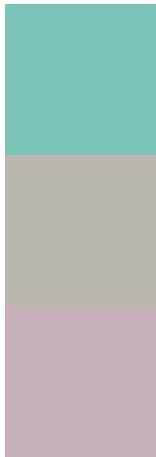
This preview shows how white text looks on a background with the YIQ color 173.0930, -40.5270, -19.9430.

-19.9430.

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

173.0930, -40.5270, -19.9430

Protanopia

182.6970, 5.2270, -1.1170

Deuteranopia

184.5330, 8.9850, 7.8730



Tritanopia

175.3890, -43.8760, -8.8040

Trichromacy



Original Color

173.0930, -40.5270, -19.9430

Protanomaly

178.7980, -11.4150, -7.8870

Deuteranomaly

180.1560, -9.3070, -2.0350

Tritanomaly

174.3520, -42.4540, -12.5500

Monochromacy



Original Color

173.0930, -40.5270, -19.9430

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.0580, -15.0830, -7.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.0930, -40.5270, -19.9430 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, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(122, 197, 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, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 197, 184) }
```

Border

The CSS property to change the border of an element to YIQ 173.0930, -40.5270, -19.9430 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, 197, 184) }
```


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

```
.border{ border-color:rgb(122, 197, 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, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(122, 197,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 173.0930, -40.5270, -19.9430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 197, 184) }
```

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

```
.background{ background-color: rgb(122,  
197, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor