

Converting Colors

YIQ(173.4380, -28.3770,
-19.8730)

Have a look what the booklet for
YIQ(173.4380, -28.3770, -19.8730)
contains.

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Color

**YIQ(173.4380, -28.3770,
-19.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	86C2AB
RGB	134, 194, 171
RGB Percent	53%, 76%, 67%
CMY	0.4747, 0.2391, 0.3295
CMYK	0.31, 0.00, 0.12, 0.24
HSL	157°, 33%, 64%
HSV	157°, 31%, 76%
XYZ	36.4709, 46.5992, 45.5883
YIQ	173.4380, -28.3770, -19.8730

Conversions

Conversions Part 2

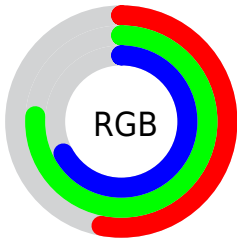
Format	Color
RYB	134, 171, 194
Decimal	8831659
CIELab	73.93, -24.31, 5.43
CIELCh	74, 24.907, 167.397
Yxy	46.5992, 0.2835, 0.3622
Android (android.graphics.Color)	4287021739 (0xFF86C2AB)
YUV	173.4380, -1.2019, -34.5871
Hunter-Lab	68.2636, -24.0948, 8.1890

Details

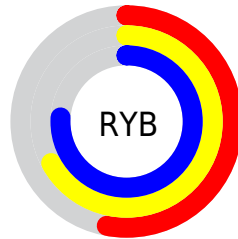
The YIQ color **173.4380, -28.3770, -19.8730** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **154.5620, 28.3770, 19.8730**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.6120, -28.9270, -20.9190**, and **120.2640, -27.8270, -18.8270** is the 20% darker color. If you saturate the color by 10%, you get **166.9590, -37.4540, -26.0780**, and if you desaturate by 10%, it is **179.9170, -19.3000, -13.6680**.

Distribution



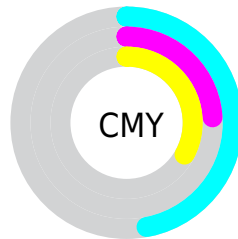
- Red (53%)
- Green (76%)
- Blue (67%)



- Red (53%)
- Yellow (67%)
- Blue (76%)



- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.4380, -28.3770, -19.8730 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 173.4380, -28.3770, -19.8730 by changing the saturation by 10% instead.

■ 173.4380,
-28.3770, -19.8730

■ 173.4380,
-28.3770, -19.8730

■ 255.0000, -0.0000,
-0.0000

■ 146.7370,
-27.7810, -19.6610

■ 229.6120,
-28.9270, -20.9190

■ 120.2640,
-27.8270, -18.8270

■ 243.6380,
-22.6480, -8.0560

■ 94.3780, -28.1480,
-18.5160

■ 252.3090, -5.3640,
-1.9080

■ 69.8940, -29.6610,
-18.6290

■ 44.2140, -33.5580,
-19.5900

■ 28.3190, -20.4920,
-14.0920

■ 12.9140, -6.0500,

-11.5060

■ 0.0000, 0.0000,
0.0000

■ 173.4380,
-28.3770, -19.8730

■ 173.4380,
-28.3770, -19.8730

■ 166.9590,
-37.4540, -26.0780

■ 179.9170,
-19.3000, -13.6680

■ 160.0670,
-46.8060, -32.8060

■ 186.8090, -9.9480,
-6.9400

■ 153.5880,
-55.8830, -39.0110

■ 193.2880, -0.8710,
-0.7350

■ 146.6960,
-65.2350, -45.7390

■ 200.1800, 8.4810,
5.9930

■ 140.2170,
-74.3120, -51.9440

■ 206.6590, 17.5580,
12.1980

■ 133.6240,
-83.0680, -58.4600

■ 213.2520, 26.3140,
18.7140

■ 127.5580,
-91.8700, -64.1420

■ 215.5450, 27.0470,
21.9510

■ 216.4570, 24.4790,
24.4390

■ 217.2550, 22.2320,
26.6160

Harmonies

Analogous

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



176.1710, -5.6360, -19.0120



173.4380, -28.3770, -19.8730



171.9770, -45.8920, -16.3240

Triad

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



173.4380, -28.3770, -19.8730



182.4500, -18.3420, 13.0340



183.4530, 38.3290, 4.7050

Complementary

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



173.4380, -28.3770, -19.8730



154.5620, 28.3770, 19.8730

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.



185.1790, 36.5850, 14.2890



173.4380, -28.3770, -19.8730



185.0570, 4.9940, 19.6340

Square

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



173.4380, -28.3770, -19.8730



177.6920, -39.9350, 2.3770



185.4090, 24.4340, 19.7460



181.8230, 30.9950, -5.5570

Rectangle

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



173.4380, -28.3770, -19.8730



171.8010, -51.0280, -11.3480



185.4090, 24.4340, 19.7460



183.8600, 38.7410, 8.2530

Sweetspot

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



173.4380, -28.3770, -19.8730



244.5100, -10.5440, -7.1520



176.3960, -2.1960, -26.2920



122.8310, -7.0140, -5.0460



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.



173.4380, -28.3770, -19.8730



220.2030, -44.1930, -30.6010



172.5380, -34.1100, -9.5820



93.5540, -4.6760, -3.3640



105.7930, -76.0540, -53.4140



21.6510, -15.4950, -11.0390

Inverse Universe

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



154.5620, 28.3770, 19.8730



190.9110, 43.8720, 30.9120



155.4620, 34.1100, 9.5820



90.4460, 4.6760, 3.3640



55.2070, 76.0540, 53.4140



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 173.4380, -28.3770, -19.8730 looks on a white background.

Color Contrast Check

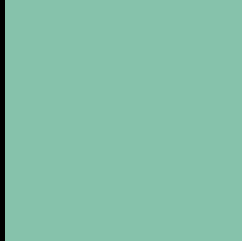
Large Text (above 18pt) WCAG AA × Fail

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 173.4380, -28.3770, -19.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

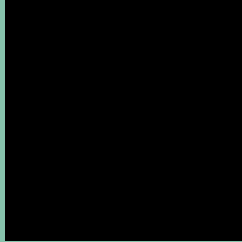
Any Text WCAG AA ✓ Pass

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 173.4380, -28.3770, -19.8730 Background



This preview shows how black text looks on a background with the YIQ color 173.4380, -28.3770, -19.8730.



This preview shows how white text looks on a background with the YIQ color 173.4380, -28.3770, -19.8730.

-19.8730.

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

173.4380, -28.3770, -19.8730

Protanopia

180.5680, 9.9040, -3.2800

Deuteranopia

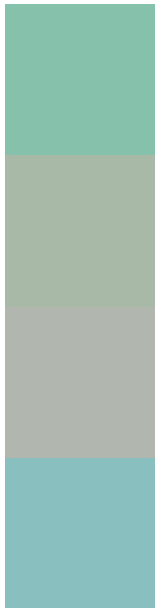
182.7740, 15.4960, 5.5120



Tritanopia

176.3580, -33.4230, -5.5110

Trichromacy



Original Color

173.4380, -28.3770, -19.8730

Protanomaly

177.8650, -4.3540, -9.2020

Deuteranomaly

179.5930, -0.4120, -3.5480

Tritanomaly

175.2670, -31.9090, -10.9250

Monochromacy



Original Color

173.4380, -28.3770, -19.8730

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

173.3960, -10.2230, -7.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.4380, -28.3770, -19.8730 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(134, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(134, 194, 171)  
}
```

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(134, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 194, 171) }
```

Border

The CSS property to change the border of an element to YIQ 173.4380, -28.3770, -19.8730 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(134, 194, 171) }
```


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

```
.border{ border-color:rgb(134, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(134, 194,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 173.4380, -28.3770, -19.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 194, 171) }
```

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

```
.background{ background-color: rgb(134,  
194, 171) }
```

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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