

Converting Colors

YIQ(172.1760, -30.3950,
-16.3390)

Have a look what the booklet for
YIQ(172.1760, -30.3950, -16.3390)
contains.

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Color

**YIQ(172.1760, -30.3950,
-16.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	85BFB2
RGB	133, 191, 178
RGB Percent	52%, 75%, 70%
CMY	0.4786, 0.2509, 0.3021
CMYK	0.30, 0.00, 0.07, 0.25
HSL	167°, 31%, 64%
HSV	167°, 30%, 75%
XYZ	36.3361, 45.4690, 48.9659
YIQ	172.1760, -30.3950, -16.3390

Conversions

Conversions Part 2

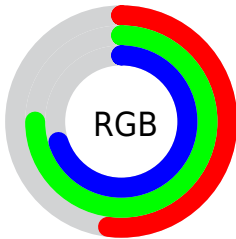
Format	Color
RYB	133, 166, 191
Decimal	8765362
CIELab	73.20, -21.60, 0.56
CIElCh	73, 21.603, 178.506
Yxy	45.4690, 0.2779, 0.3477
Android (android.graphics.Color)	4286955442 (0xFF85BFB2)
YUV	172.1760, 2.8712, -34.3574
Hunter-Lab	67.4307, -21.8160, 4.1470

Details

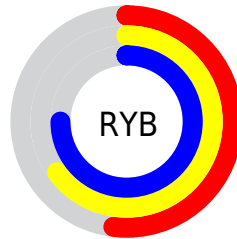
The YIQ color **172.1760, -30.3950, -16.3390** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **151.8240, 30.3950, 16.3390**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.4640, -31.2660, -17.0740**, and **118.8880, -29.5240, -15.6040** is the 20% darker color. If you saturate the color by 10%, you get **166.0390, -40.4350, -21.6110**, and if you desaturate by 10%, it is **178.3130, -20.3550, -11.0670**.

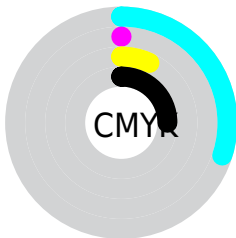
Distribution



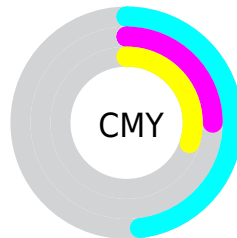
- Red (52%)
- Green (75%)
- Blue (70%)



- Red (52%)
- Yellow (65%)
- Blue (75%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (48%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.1760, -30.3950, -16.3390 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 172.1760, -30.3950, -16.3390 by changing the saturation by 10% instead.

■ 172.1760,
-30.3950, -16.3390

■ 172.1760,
-30.3950, -16.3390

■ 255.0000, -0.0000,
-0.0000

■ 145.4750,
-29.7990, -16.1270

■ 228.4640,
-31.2660, -17.0740

■ 118.8880,
-29.5240, -15.6040

■ 243.3390,
-23.2440, -8.2680

■ 93.5890, -30.1200,
-15.8160

■ 252.0100, -5.9600,
-2.1200

■ 68.5180, -31.3580,
-15.4060

■ 43.7240, -34.9340,
-16.6780

■ 27.8290, -21.8680,
-11.1800

■ 12.8800, -8.7100,

-7.3500

■ 0.0000, 0.0000,
0.0000

■ 172.1760,
-30.3950, -16.3390

■ 172.1760,
-30.3950, -16.3390

■ 166.0390,
-40.4350, -21.6110

■ 178.3130,
-20.3550, -11.0670

■ 159.7880,
-50.1540, -27.1940

■ 184.5640,
-10.6360, -5.4840

■ 153.6510,
-60.1940, -32.4660

■ 190.7010, -0.5960,
-0.2120

■ 147.5140,
-70.2340, -37.7380

■ 196.8380, 9.4440,
5.0600

■ 140.9640,
-80.5490, -43.5330

■ 202.9750, 19.4840,
10.3320

■ 134.8270,
-90.5890, -48.8050

■ 209.5250, 29.7990,
16.1270

■ 128.9890,
-100.0330, -53.8650

■ 212.0740, 32.6870,
18.8550

■ 212.5300, 31.4030,
20.0990

■ 213.1000, 29.7980,
21.6540

Harmonies

Analogous

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



174.5170, -12.4220, -17.1740



172.1760, -30.3950, -16.3390



172.0640, -41.5830, -11.8150

Triad

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



172.1760, -30.3950, -16.3390



181.5390, -8.3470, 13.6130



181.1100, 31.8650, 0.7050

Complementary

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



172.1760, -30.3950, -16.3390



151.8240, 30.3950, 16.3390

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.



182.2770, 33.1930, 9.6810



172.1760, -30.3950, -16.3390



183.4120, 11.1840, 17.5840

Square

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



172.1760, -30.3950, -16.3390



178.1450, -27.9690, 5.7830



183.2580, 26.1770, 15.6890



179.0500, 22.9260, -8.0020

Rectangle

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



172.1760, -30.3950, -16.3390



173.0410, -42.7760, -6.7120



183.2580, 26.1770, 15.6890



181.5880, 33.5150, 3.8430

Sweetspot

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



172.1760, -30.3950, -16.3390



239.8520, -11.5070, -6.2190



171.2320, -7.6060, -27.3660



120.4720, -7.3810, -3.9010



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.1760, -30.3950, -16.3390



218.1090, -46.6240, -25.0880



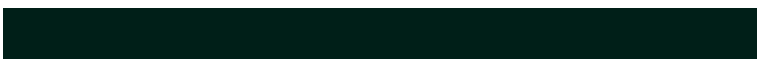
164.8530, -30.4430, -4.4510



91.0810, -4.7220, -2.5300



106.7680, -82.9330, -44.3810



20.9330, -16.2290, -8.7490

Inverse Universe

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



151.8240, 30.3950, 16.3390



186.8910, 46.6240, 25.0880



159.1470, 30.4430, 4.4510



87.9190, 4.7220, 2.5300



51.3460, 82.6120, 44.6920



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 172.1760, -30.3950, -16.3390 looks on a white background.

Color Contrast Check

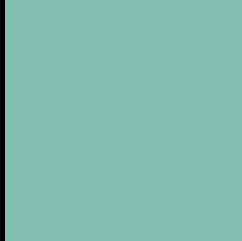
Large Text (above 18pt) WCAG AA × Fail

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 172.1760, -30.3950, -16.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

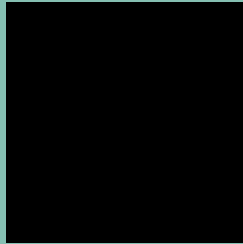
Any Text WCAG AA ✓ Pass

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 172.1760, -30.3950, -16.3390 Background



This preview shows how black text looks on a background with the YIQ color 172.1760, -30.3950, -16.3390.



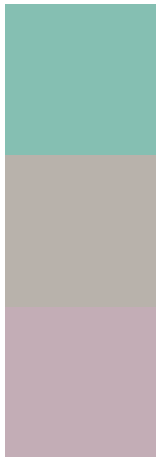
This preview shows how white text looks on a background with the YIQ color 172.1760, -30.3950, -16.3390.

-16.3390.

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

172.1760, -30.3950, -16.3390

Protanopia

178.9960, 5.8230, -0.9050

Deuteranopia

180.6040, 10.2230, 7.4630



Tritanopia

174.0590, -34.0190, -5.7230

Trichromacy



Original Color

172.1760, -30.3950, -16.3390

Protanomaly

176.5920, -7.8390, -6.6150

Deuteranomaly

177.7220, -5.0890, -1.3850

Tritanomaly

173.0220, -32.5970, -9.4690

Monochromacy



Original Color

172.1760, -30.3950, -16.3390

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.1510, -10.9110, -6.0070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.1760, -30.3950, -16.3390 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(133, 191, 178)` looks like.

```
.text, #text, p{  
    color:rgb(133, 191, 178)  
}
```

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(133, 191, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 191, 178) }
```

Border

The CSS property to change the border of an element to YIQ 172.1760, -30.3950, -16.3390 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(133, 191, 178) }
```


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

```
.border{ border-color:rgb(133, 191, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 191, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 191, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 191, 178);  
box-shadow:4px 4px 4px 4px rgb(133, 191,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 172.1760, -30.3950, -16.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 191, 178) }
```

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

```
.background{ background-color: rgb(133,  
191, 178) }
```

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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