

Converting Colors

YIQ(166.8660, -32.4580,
-17.4980)

Have a look what the booklet for
YIQ(166.8660, -32.4580, -17.4980)
contains.

YIQ(166.8660, -32.4580, -17.4980)	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(166.8660, -32.4580,
-17.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBBAD
RGB	125, 187, 173
RGB Percent	49%, 73%, 68%
CMY	0.5100, 0.2666, 0.3217
CMYK	0.33, 0.00, 0.08, 0.27
HSL	166°, 31%, 61%
HSV	166°, 33%, 73%
XYZ	33.7674, 42.9246, 46.0255
YIQ	166.8660, -32.4580, -17.4980

Conversions

Conversions Part 2

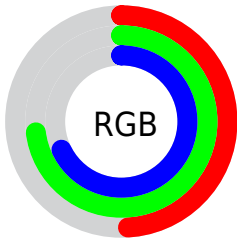
Format	Color
RYB	125, 160, 187
Decimal	8240045
CIELab	71.50, -23.05, 0.77
CIELCh	72, 23.060, 178.086
Yxy	42.9246, 0.2752, 0.3498
Android (android.graphics.Color)	4286430125 (0xFF7DBBAD)
YUV	166.8660, 3.0241, -36.7165
Hunter-Lab	65.5169, -22.6557, 4.2107

Details

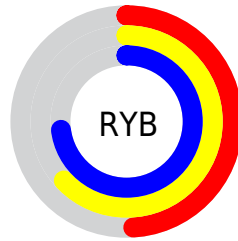
The YIQ color **166.8660, -32.4580, -17.4980** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **145.1340, 32.4580, 17.4980**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.4530, -32.7330, -18.0210**, and **114.2790, -32.1830, -16.9750** is the 20% darker color. If you saturate the color by 10%, you get **160.7290, -42.4980, -22.7700**, and if you desaturate by 10%, it is **173.0030, -22.4180, -12.2260**.

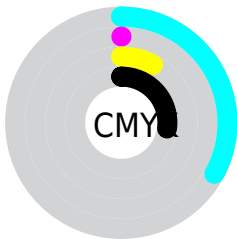
Distribution



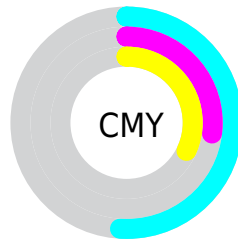
- Red (49%)
- Green (73%)
- Blue (68%)



- Red (49%)
- Yellow (63%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.8660, -32.4580, -17.4980 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 166.8660, -32.4580, -17.4980 by changing the saturation by 10% instead.

■ 166.8660,
-32.4580, -17.4980

■ 166.8660,
-32.4580, -17.4980

■ 255.0000, -0.0000,
-0.0000

■ 140.1650,
-31.8620, -17.2860

■ 222.1540,
-33.3290, -18.2330

■ 114.2790,
-32.1830, -16.9750

■ 240.9470,
-28.0120, -9.9640

■ 88.3930, -32.5040,
-16.6640

■ 249.3190,
-11.3240, -4.0280

■ 62.8980, -35.4840,
-17.7240

■ 40.9200, -32.5500,
-15.8300

■ 25.6120, -19.7590,
-10.8550

■ 6.2120, -3.7130,

-4.2970

■ 0.0000, 0.0000,
0.0000

■ 166.8660,
-32.4580, -17.4980

■ 166.8660,
-32.4580, -17.4980

■ 160.7290,
-42.4980, -22.7700

■ 173.0030,
-22.4180, -12.2260

■ 154.7770,
-51.6210, -28.1410

■ 178.8410,
-12.9740, -7.1660

■ 148.6400,
-61.6610, -33.4130

■ 185.0920, -3.2550,
-1.5830

■ 142.5030,
-71.7010, -38.6850

■ 191.2290, 6.7850,
3.6890

■ 136.3660,
-81.7410, -43.9570

■ 197.0670, 16.2290,
8.7490

■ 130.5280,
-91.1850, -49.0170

■ 203.2040, 26.2690,
14.0210

■ 126.2990,
-97.9700, -52.7060

■ 209.1560, 35.3920,
19.3920

■ 209.6120, 34.1080,
20.6360

■ 210.0680, 32.8240,
21.8800

Harmonies

Analogous

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



169.5770, -12.6510, -18.5310



166.8660, -32.4580, -17.4980



166.2700, -45.1590, -13.0870

Triad

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



166.8660, -32.4580, -17.4980



176.8810, -9.3100, 14.5460



176.1920, 34.5700, 1.2420

Complementary

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



166.8660, -32.4580, -17.4980



145.1340, 32.4580, 17.4980

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.



177.4730, 35.5770, 10.5290



166.8660, -32.4580, -17.4980



178.9390, 11.1380, 18.4180

Square

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



166.8660, -32.4580, -17.4980



172.8890, -30.1240, 6.2920



178.6820, 27.9190, 17.1590



174.1210, 24.1640, -8.4120

Rectangle

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



166.8660, -32.4580, -17.4980



167.6600, -46.0770, -7.4610



178.6820, 27.9190, 17.1590



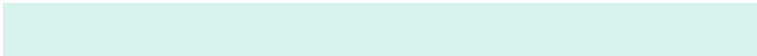
176.4850, 35.3030, 4.4790

Sweetspot

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



166.8660, -32.4580, -17.4980



234.2540, -12.6990, -6.6430



165.5800, -8.7060, -29.4580



117.4720, -7.3810, -3.9010



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



166.8660, -32.4580, -17.4980



210.4890, -50.7500, -27.4060



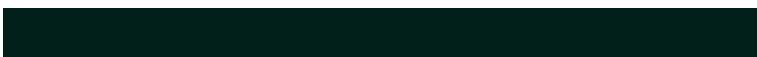
158.4830, -32.2770, -4.2530



91.0810, -4.7220, -2.5300



106.6540, -82.6120, -44.6920



20.9330, -16.2290, -8.7490

Inverse Universe

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



145.1340, 32.4580, 17.4980



176.5110, 50.7500, 27.4060



153.5170, 32.2770, 4.2530



87.9190, 4.7220, 2.5300



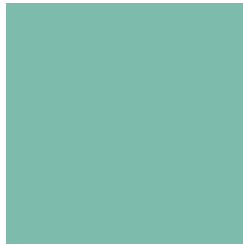
51.3460, 82.6120, 44.6920



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 166.8660, -32.4580, -17.4980 looks on a white background.

Color Contrast Check

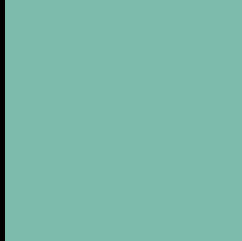
Large Text (above 18pt) WCAG AA × Fail

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 166.8660, -32.4580, -17.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

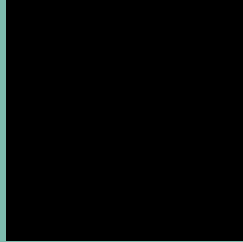
Any Text WCAG AA ✓ Pass

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 166.8660, -32.4580, -17.4980 Background



This preview shows how black text looks on a background with the YIQ color 166.8660, -32.4580, -17.4980.



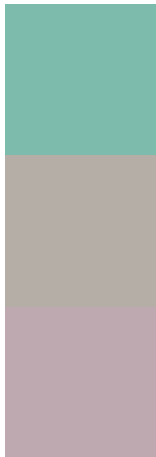
This preview shows how white text looks on a background with the YIQ color 166.8660, -32.4580, -17.4980.

-17.4980.

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

166.8660, -32.4580, -17.4980

Protanopia

174.8820, 6.1440, -1.2160

Deuteranopia

176.1910, 9.9480, 6.9400



Tritanopia

169.1620, -35.8070, -6.3590

Trichromacy



Original Color

166.8660, -32.4580, -17.4980

Protanomaly

172.1790, -8.1140, -7.1380

Deuteranomaly

173.0100, -5.9600, -2.1200

Tritanomaly

168.1250, -34.3850, -10.1050

Monochromacy



Original Color

166.8660, -32.4580, -17.4980

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.8520, -11.5070, -6.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.8660, -32.4580, -17.4980 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(125, 187, 173)` looks like.

```
.text, #text, p{  
    color:rgb(125, 187, 173)  
}
```

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(125, 187, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 187, 173) }
```

Border

The CSS property to change the border of an element to YIQ 166.8660, -32.4580, -17.4980 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(125, 187, 173) }
```


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

```
.border{ border-color:rgb(125, 187, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 187, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 187, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 187, 173);  
box-shadow:4px 4px 4px 4px rgb(125, 187,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 166.8660, -32.4580, -17.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 187, 173) }
```

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

```
.background{ background-color: rgb(125,  
187, 173) }
```

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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