

Converting Colors

YIQ(163.9800, -32.7790,
-17.1870)

Have a look what the booklet for
YIQ(163.9800, -32.7790, -17.1870)
contains.

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Color

**YIQ(163.9800, -32.7790,
-17.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	7AB8AB
RGB	122, 184, 171
RGB Percent	48%, 72%, 67%
CMY	0.5217, 0.2783, 0.3295
CMYK	0.34, 0.00, 0.07, 0.28
HSL	167°, 30%, 60%
HSV	167°, 34%, 72%
XYZ	32.5141, 41.3656, 44.7835
YIQ	163.9800, -32.7790, -17.1870

Conversions

Conversions Part 2

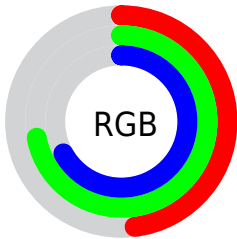
Format	Color
R_{YB}	122, 157, 184
Decimal	8042667
CIE _{Lab}	70.43, -22.86, 0.28
CIE _{LCh}	70, 22.862, 179.289
Yxy	41.3656, 0.2740, 0.3486
Android (android.graphics.Color)	4286232747 (0xFF7AB8AB)
YUV	163.9800, 3.4609, -36.8165
Hunter-Lab	64.3161, -22.3150, 3.7375

Details

The YIQ color **163.9800, -32.7790, -17.1870** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **142.0200, 32.7790, 17.1870**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **219.2680, -33.6500, -17.9220**, and **111.3930, -32.5040, -16.6640** is the 20% darker color. If you saturate the color by 10%, you get **158.1420, -42.2230, -22.2470**, and if you desaturate by 10%, it is **169.8180, -23.3350, -12.1270**.

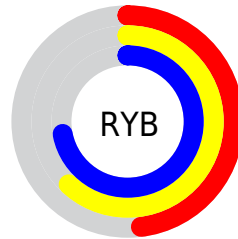
Distribution



Red (48%)

Green (72%)

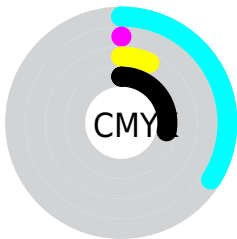
Blue (67%)



Red (48%)

Yellow (62%)

Blue (72%)

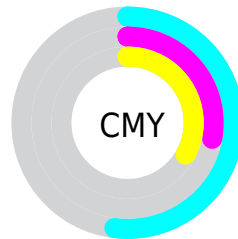


Cyan (34%)

Magenta (0%)

Yellow (7%)

Black (28%)



Cyan (52%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.9800, -32.7790, -17.1870 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 163.9800, -32.7790, -17.1870 by changing the saturation by 10% instead.

■ 163.9800,
-32.7790, -17.1870

■ 163.9800,
-32.7790, -17.1870

■ 255.0000, -0.0000,
-0.0000

■ 137.2790,
-32.1830, -16.9750

■ 219.2680,
-33.6500, -17.9220

■ 111.3930,
-32.5040, -16.6640

■ 239.7510,
-30.3960, -10.8120

■ 85.5070, -32.8250,
-16.3530

■ 248.4220,
-13.1120, -4.6640

■ 59.8270, -36.7220,
-17.3140

■ 39.5180, -31.3580,
-15.4060

■ 24.2100, -18.5670,
-10.4310

■ 1.8750, -1.1460,

-1.2580

■ 0.0000, 0.0000,
0.0000

■ 163.9800,
-32.7790, -17.1870

■ 163.9800,
-32.7790, -17.1870

■ 158.1420,
-42.2230, -22.2470

■ 169.8180,
-23.3350, -12.1270

■ 152.0050,
-52.2630, -27.5190

■ 175.9550,
-13.2950, -6.8550

■ 146.1670,
-61.7070, -32.5790

■ 181.7930, -3.8510,
-1.7950

■ 140.0300,
-71.7470, -37.8510

■ 187.8160, 6.5100,
3.1660

■ 134.3060,
-81.5120, -42.6000

■ 193.6540, 15.9540,
8.2260

■ 128.4680,
-90.9560, -47.6600

■ 199.4920, 25.3980,
13.2860

■ 124.5380,
-97.1450, -51.1370

■ 205.6290, 35.4380,
18.5580

■ 207.2810, 36.5380,
20.6500

■ 207.7370, 35.2540,
21.8940

Harmonies

Analogous

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



166.3920, -13.5680, -18.4320



163.9800, -32.7790, -17.1870



163.0960, -44.6090, -12.0410

Triad

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



163.9800, -32.7790, -17.1870



174.0660, -8.3930, 14.4470



173.4800, 33.6990, 0.5070

Complementary

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



163.9800, -32.7790, -17.1870



142.0200, 32.7790, 17.1870

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.



175.0600, 35.3020, 10.0060



163.9800, -32.7790, -17.1870



176.1240, 12.0550, 18.3190

Square

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



163.9800, -32.7790, -17.1870



170.3730, -28.6110, 6.4050



175.3830, 27.3230, 16.9470



171.5230, 22.9720, -8.8360

Rectangle

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



163.9800, -32.7790, -17.1870



164.9590, -45.4810, -7.2490



175.3830, 27.3230, 16.9470



174.0720, 35.0280, 3.9560

Sweetspot

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



163.9800, -32.7790, -17.1870



232.2540, -12.6990, -6.6430



162.2810, -9.3020, -29.6700



115.1730, -7.9770, -4.1130



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



163.9800, -32.7790, -17.1870



209.0160, -50.7960, -26.5720



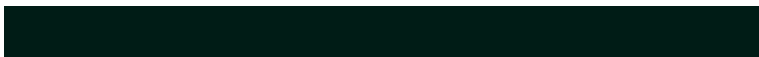
154.8960, -32.0020, -3.7300



89.0810, -4.7220, -2.5300



105.5940, -82.3830, -43.3350



18.9440, -14.7620, -7.8020

Inverse Universe

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



142.0200, 32.7790, 17.1870



174.9840, 50.7960, 26.5720



151.1040, 32.0020, 3.7300



85.9190, 4.7220, 2.5300



50.4060, 82.3830, 43.3350



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 163.9800, -32.7790, -17.1870 looks on a white background.

Color Contrast Check

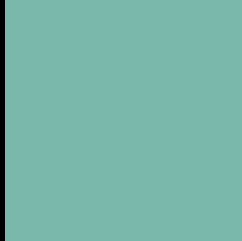
Large Text (above 18pt) WCAG AA × Fail

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 163.9800, -32.7790, -17.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

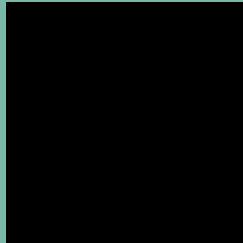
Any Text WCAG AA ✓ Pass

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 163.9800, -32.7790, -17.1870 Background



This preview shows how black text looks on a background with the YIQ color 163.9800, -32.7790, -17.1870.



This preview shows how white text looks on a background with the YIQ color 163.9800, -32.7790, -17.1870.

-17.1870.

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

163.9800, -32.7790, -17.1870

Protanopia

171.6970, 5.2270, -1.1170

Deuteranopia

173.3050, 9.6270, 7.2510



Tritanopia

166.1620, -35.8070, -6.3590

Trichromacy



Original Color

163.9800, -32.7790, -17.1870

Protanomaly

168.9940, -9.0310, -7.0390

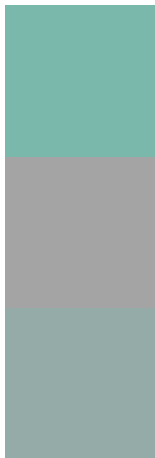
Deuteranomaly

170.1240, -6.2810, -1.8090

Tritanomaly

165.1250, -34.3850, -10.1050

Monochromacy



Original Color

163.9800, -32.7790, -17.1870

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.9660, -11.8280, -5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.9800, -32.7790, -17.1870 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, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 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(122, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 171) }
```

Border

The CSS property to change the border of an element to YIQ 163.9800, -32.7790, -17.1870 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, 184, 171) }
```


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

```
.border{ border-color:rgb(122, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(122, 184,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 163.9800, -32.7790, -17.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 171) }
```

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

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