

Converting Colors

YIQ(92.6970, -75.0030,
-33.9070)

Have a look what the booklet for
YIQ(92.6970, -75.0030, -33.9070)
contains.

YIQ(92.6970, -75.0030, -33.9070)	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(92.6970, -75.0030,
-33.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	008776
RGB	0, 135, 118
RGB Percent	0%, 53%, 46%
CMY	0.9999, 0.4704, 0.5375
CMYK	1.00, 0.00, 0.13, 0.47
HSL	172°, 100%, 26%
HSV	172°, 100%, 53%
XYZ	11.9376, 18.6501, 20.0876
YIQ	92.6970, -75.0030, -33.9070

Conversions

Conversions Part 2

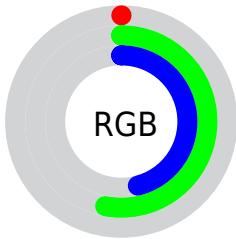
Format	Color
RYB	0, 72, 135
Decimal	34678
CIELab	50.28, -35.27, 0.41
CIELCh	50, 35.274, 179.330
Yxy	18.6501, 0.2356, 0.3680
Android (android.graphics.Color)	4278224758 (0xFF008776)
YUV	92.6970, 12.4744, -81.2953
Hunter-Lab	43.1857, -26.2332, 2.6516

Details

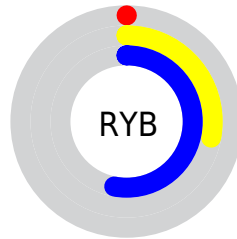
The YIQ color **92.6970, -75.0030, -33.9070** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **42.3030, 75.0030, 33.9070**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.1400, -57.0770, -28.3810**, and **57.2880, -45.5700, -22.1620** is the 20% darker color. If you saturate the color by 10%, you get **92.6970, -75.0030, -33.9070**, and if you desaturate by 10%, it is **97.1110, -67.3010, -30.3170**.

Distribution



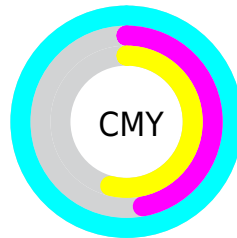
- Red (0%)
- Green (53%)
- Blue (46%)



- Red (0%)
- Yellow (28%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 92.6970, -75.0030, -33.9070 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 92.6970, -75.0030, -33.9070 by changing the saturation by 10% instead.

■ 92.6970, -75.0030,
-33.9070

■ 92.6970, -75.0030,
-33.9070

■ 255.0000, -0.0000,
-0.0000

■ 74.5850, -59.8280,
-28.0840

■ 155.1400,
-57.0770, -28.3810

■ 57.2880, -45.5700,
-22.1620

■ 183.3250,
-56.1600, -28.4800

■ 40.6920, -31.9080,
-16.4520

■ 212.2110,
-55.8390, -28.7910

■ 25.9710, -19.3920,
-12.0000

■ 229.4710,
-50.3390, -18.3310

■ 1.1740, -0.5500,
-1.0460

■ 238.2560,
-33.3760, -11.8720

■ 0.0000, 0.0000,
0.0000

■ 246.9270,

-16.0920, -5.7240

■ 92.6970, -75.0030,
-33.9070

■ 97.1110, -67.3010,
-30.3170

■ 101.1120,
-59.8740, -27.2500

■ 105.5260,
-52.1720, -23.6600

■ 109.6410,
-45.0660, -20.2820

■ 113.9410,
-37.0430, -17.0030

■ 118.0560,
-29.9370, -13.6250

■ 122.4700,
-22.2350, -10.0350

■ 126.5850,
-15.1290, -6.6570

■ 130.8850, -7.1060,
-3.3780

Harmonies

Analogous

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



108.7450, -22.2320, -26.6160



92.6970, -75.0030, -33.9070



96.1170, -84.6330, -24.5770

Triad

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



92.6970, -75.0030, -33.9070



121.5310, -13.8960, 20.5680



119.1130, 44.9780, -0.1580

Complementary

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



92.6970, -75.0030, -33.9070



42.3030, 75.0030, 33.9070

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.



120.6380, 48.4140, 14.6700



92.6970, -75.0030, -33.9070



123.1450, 16.7300, 27.2100

Square

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



92.6970, -75.0030, -33.9070



112.9390, -50.7560, 5.7560



121.6990, 38.4170, 25.1450



117.4390, 31.7760, -14.2080

Rectangle

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



92.6970, -75.0030, -33.9070



96.1800, -88.9440, -18.0320



121.6990, 38.4170, 25.1450



119.2430, 47.7280, 5.0720

Sweetspot

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



92.6970, -75.0030, -33.9070



159.3550, -29.3410, -13.4130



84.6270, -26.3970, -66.7890



78.9760, -17.7880, -8.0280



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



92.6970, -75.0030, -33.9070



120.8680, -97.8340, -44.1540



65.8720, -66.9850, -2.9930



64.0920, -3.2550, -1.5830



89.3060, -72.3440, -32.5360



1.9890, -1.4670, -0.9470

Inverse Universe

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



42.3030, 75.0030, 33.9070



55.1320, 97.8340, 44.1540



69.7150, 66.7100, 2.4700



61.9080, 3.2550, 1.5830



40.6940, 72.3440, 32.5360



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 92.6970, -75.0030, -33.9070 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 92.6970, -75.0030, -33.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

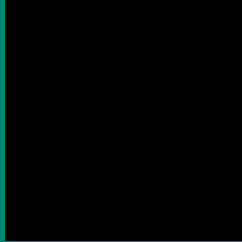
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 92.6970, -75.0030, -33.9070

Background



This preview shows how black text looks on a background with the YIQ color 92.6970, -75.0030, -33.9070.



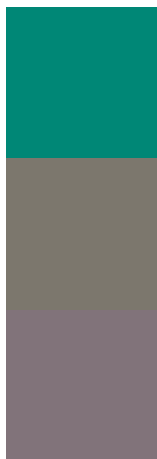
This preview shows how white text looks on a background with the YIQ color 92.6970, -75.0030,

-33.9070.

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

92.6970, -75.0030, -33.9070

Protanopia

119.3550, 6.1900, -2.0500

Deuteranopia

119.9840, 6.0970, 5.1450



Tritanopia

104.4360, -60.4260, -17.2420

Trichromacy



Original Color

92.6970, -75.0030, -33.9070

Protanomaly

109.7640, -23.2430, -13.7950

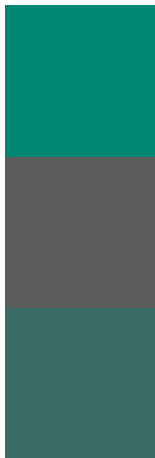
Deuteranomaly

109.9260, -23.5190, -8.7910

Tritanomaly

100.1100, -65.5600, -23.3200

Monochromacy



Original Color

92.6970, -75.0030, -33.9070

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.6650, -27.2780, -12.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.6970, -75.0030, -33.9070 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(0, 135, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 135, 118)  
}
```

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(0, 135, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 135, 118) }
```

Border

The CSS property to change the border of an element to YIQ 92.6970, -75.0030, -33.9070 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(0, 135, 118) }
```


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

```
.border{ border-color:rgb(0, 135, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 135, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 135, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 135, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 135,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 92.6970, -75.0030, -33.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 135, 118) }
```

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

```
.background{ background-color: rgb(0, 135,  
118) }
```

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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