

Converting Colors

YIQ(96.0350, -70.1430,
-33.8790)

Have a look what the booklet for
YIQ(96.0350, -70.1430, -33.8790)
contains.

YIQ(96.0350, -70.1430, -33.8790)	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(96.0350, -70.1430,
-33.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	088974
RGB	8, 137, 116
RGB Percent	3%, 54%, 45%
CMY	0.9689, 0.4625, 0.5454
CMYK	0.94, 0.00, 0.15, 0.46
HSL	170°, 89%, 28%
HSV	170°, 94%, 54%
XYZ	12.2010, 19.2172, 19.5689
YIQ	96.0350, -70.1430, -33.8790

Conversions

Conversions Part 2

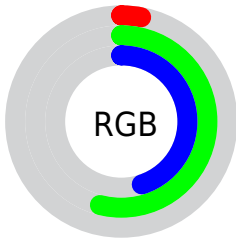
Format	Color
RYB	8, 78, 137
Decimal	559476
CIELab	50.94, -36.31, 2.55
CIELCh	51, 36.400, 175.986
Yxy	19.2172, 0.2393, 0.3769
Android (android.graphics.Color)	4278749556 (0xFF088974)
YUV	96.0350, 9.8427, -77.2067
Hunter-Lab	43.8375, -27.0349, 4.2194

Details

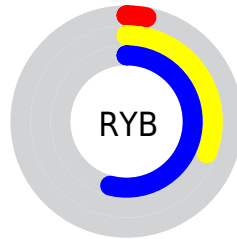
The YIQ color **96.0350, -70.1430, -33.8790** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **48.9650, 70.1430, 33.8790**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6840, -55.7930, -29.6250**, and **58.2340, -45.4780, -23.8300** is the 20% darker color. If you saturate the color by 10%, you get **93.5290, -74.5900, -35.8860**, and if you desaturate by 10%, it is **100.4490, -62.4410, -30.2890**.

Distribution



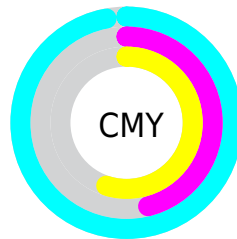
- Red (3%)
- Green (54%)
- Blue (45%)



- Red (3%)
- Yellow (31%)
- Blue (54%)



- Cyan (94%)
- Magenta (0%)
- Yellow (15%)
- Black (46%)



- Cyan (97%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.0350, -70.1430, -33.8790 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 96.0350, -70.1430, -33.8790 by changing the saturation by 10% instead.

■ 96.0350, -70.1430,
-33.8790

■ 96.0350, -70.1430,
-33.8790

■ 255.0000, -0.0000,
-0.0000

■ 75.5310, -59.7360,
-29.7520

■ 156.6840,
-55.7930, -29.6250

■ 58.2340, -45.4780,
-23.8300

■ 184.8690,
-54.8760, -29.7240

■ 41.6380, -31.8160,
-18.1200

■ 213.7550,
-54.5550, -30.0350

■ 26.3300, -19.0250,
-13.1450

■ 229.8410,
-48.5050, -18.5290

■ 3.5220, -1.6500,
-3.1380

■ 238.8540,
-32.1840, -11.4480

■ 0.0000, 0.0000,
0.0000

■ 247.5250,

-14.9000, -5.3000

■ 96.0350, -70.1430,
-33.8790

■ 96.0350, -70.1430,
-33.8790

■ 93.5290, -74.5900,
-35.8860

■ 100.4490,
-62.4410, -30.2890

■ 104.5640,
-55.3350, -26.9110

■ 109.0920,
-47.9540, -23.0100

■ 113.5060,
-40.2520, -19.4200

■ 117.6210,
-33.1460, -16.0420

■ 122.0350,
-25.4440, -12.4520

■ 126.5630,
-18.0630, -8.5510

■ 130.9770,
-10.3610, -4.9610

■ 135.0920, -3.2550,
-1.5830

Harmonies

Analogous

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



110.7730, -19.4350, -27.7470



96.0350, -70.1430, -33.8790



97.2910, -85.1830, -25.6230

Triad

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



96.0350, -70.1430, -33.8790



122.9650, -18.1140, 19.9180



120.8360, 47.3160, 1.5240

Complementary

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



96.0350, -70.1430, -33.8790



48.9650, 70.1430, 33.8790

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.



122.2900, 49.5140, 16.7620



96.0350, -70.1430, -33.8790



124.8890, 14.5750, 27.7190

Square

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



96.0350, -70.1430, -33.8790



112.4650, -58.2290, 3.5230



123.7530, 38.3250, 26.8130



118.9340, 34.7560, -13.1480

Rectangle

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



96.0350, -70.1430, -33.8790



98.0550, -90.0900, -19.2900



123.7530, 38.3250, 26.8130



121.0800, 49.7450, 7.0650

Sweetspot

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



96.0350, -70.1430, -33.8790



163.0240, -26.9110, -13.3990



90.0020, -22.9590, -63.0150



79.4600, -16.2750, -7.9150



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.



96.0350, -70.1430, -33.8790



122.0590, -97.0540, -47.2780



73.1880, -65.0590, -4.8590



66.7930, -3.8510, -1.7950



90.7250, -72.2060, -35.0380



3.3910, -2.6590, -1.3710

Inverse Universe

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



48.9650, 70.1430, 33.8790



56.8270, 97.3750, 46.9670



71.8120, 65.0590, 4.8590



64.2070, 3.8510, 1.7950



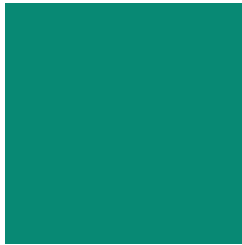
42.2750, 72.2060, 35.0380



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 96.0350, -70.1430, -33.8790 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 96.0350, -70.1430, -33.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

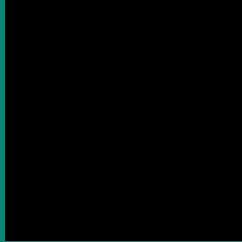
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 96.0350, -70.1430, -33.8790

Background



This preview shows how black text looks on a background with the YIQ color 96.0350, -70.1430, -33.8790.



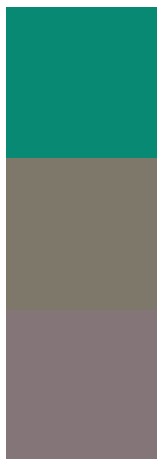
This preview shows how white text looks on a background with the YIQ color 96.0350, -70.1430,

-33.8790.

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

96.0350, -70.1430, -33.8790

Protanopia

120.3120, 7.7490, -2.7710

Deuteranopia

121.8270, 7.9770, 4.1130



Tritanopia

106.1480, -59.5550, -16.5070

Trichromacy



Original Color

96.0350, -70.1430, -33.8790

Protanomaly

111.3190, -20.4920, -14.0920

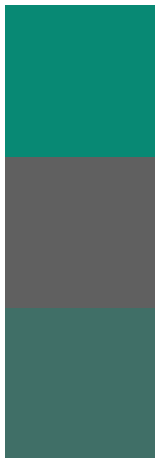
Deuteranomaly

112.3670, -20.4470, -9.3990

Tritanomaly

102.3060, -63.1760, -22.4720

Monochromacy



Original Color

96.0350, -70.1430, -33.8790

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.0350, -25.4440, -12.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.0350, -70.1430, -33.8790 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(8, 137, 116)` looks like.

```
.text, #text, p{  
    color:rgb(8, 137, 116)  
}
```

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(8, 137, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 137, 116) }
```

Border

The CSS property to change the border of an element to YIQ 96.0350, -70.1430, -33.8790 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(8, 137, 116) }
```


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

```
.border{ border-color:rgb(8, 137, 116) }
```

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

Here you see how a box with a 4 pixel rgb(8, 137, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 137, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 137, 116);  
box-shadow:4px 4px 4px 4px rgb(8, 137,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 96.0350, -70.1430, -33.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 137, 116) }
```

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

```
.background{ background-color: rgb(8, 137,  
116) }
```

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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