

Converting Colors

YIQ(111.0970, -81.8810,
-30.4010)

Have a look what the booklet for
YIQ(111.0970, -81.8810, -30.4010)
contains.

YIQ(111.0970, -81.8810, -30.4010)	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(111.0970, -81.8810,
-30.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	0E9996
RGB	14, 153, 150
RGB Percent	5%, 60%, 59%
CMY	0.9454, 0.3998, 0.4121
CMYK	0.91, 0.00, 0.02, 0.40
HSL	179°, 83%, 33%
HSV	179°, 91%, 60%
XYZ	17.0790, 25.0936, 32.7628
YIQ	111.0970, -81.8810, -30.4010

Conversions

Conversions Part 2

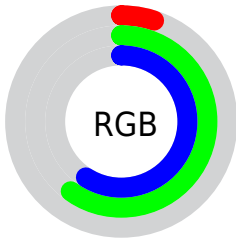
Format	Color
R_{YB}	14, 84, 153
Decimal	956822
CIE _{Lab}	57.17, -33.22, -7.87
CIE _{LCh}	57, 34.144, 193.328
Yxy	25.0936, 0.2279, 0.3349
Android (android.graphics.Color)	4279146902 (0xFF0E9996)
YUV	111.0970, 19.1792, -85.1541
Hunter-Lab	50.0936, -26.8056, -3.7121

Details

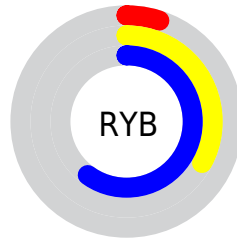
The YIQ color **111.0970, -81.8810, -30.4010** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **55.9030, 81.8810, 30.4010**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.1590, -67.2560, -25.6240**, and **70.5730, -59.5540, -22.0340** is the 20% darker color. If you saturate the color by 10%, you get **106.9110, -90.2250, -33.3690**, and if you desaturate by 10%, it is **115.5820, -72.9410, -27.2210**.

Distribution



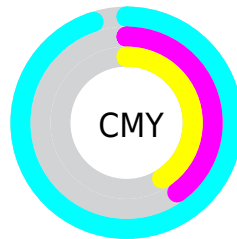
- Red (5%)
- Green (60%)
- Blue (59%)



- Red (5%)
- Yellow (33%)
- Blue (60%)



- Cyan (91%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (95%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.0970, -81.8810, -30.4010 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 111.0970, -81.8810, -30.4010 by changing the saturation by 10% instead.

■ 111.0970,
-81.8810, -30.4010

■ 111.0970,
-81.8810, -30.4010

■ 255.0000, -0.0000,
-0.0000

■ 88.6850, -74.7290,
-27.8570

■ 173.1590,
-67.2560, -25.6240

■ 70.5730, -59.5540,
-22.0340

■ 202.0560,
-65.4680, -24.9880

■ 53.7490, -45.2500,
-16.9460

■ 224.5020,
-60.7920, -21.6240

■ 37.1530, -31.5880,
-11.2360

■ 233.4720,
-42.9120, -15.2640

■ 23.0190, -19.3470,
-7.3070

■ 242.4420,
-25.0320, -8.9040

■ 0.7980, -2.2470,
2.1770

■ 251.4120, -7.1520,

■ 0.0000, 0.0000,

-2.5440

0.0000

■ 111.0970,
-81.8810, -30.4010

■ 111.0970,
-81.8810, -30.4010

■ 106.9110,
-90.2250, -33.3690

■ 115.5820,
-72.9410, -27.2210

■ 120.4800,
-63.7260, -23.5180

■ 124.9650,
-54.7860, -20.3380

■ 129.4500,
-45.8460, -17.1580

■ 134.0490,
-37.2270, -13.6670

■ 138.8330,
-27.6910, -10.2750

■ 143.3180,
-18.7510, -7.0950

■ 147.9170,
-10.1320, -3.6040

■ 152.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



124.0190, -37.6830, -27.4350



111.0970, -81.8810, -30.4010



108.8150, -98.3420, -23.9260

Triad

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



111.0970, -81.8810, -30.4010



140.9520, 1.0960, 24.2000



136.5590, 40.4860, -6.8580

Complementary

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



111.0970, -81.8810, -30.4010



55.9030, 81.8810, 30.4010

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.



138.1230, 48.1860, 7.7860



111.0970, -81.8810, -30.4010



141.0770, 28.6050, 26.7570

Square

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



111.0970, -81.8810, -30.4010



136.4470, -31.4550, 13.8970



139.4730, 44.7450, 20.5930



133.8290, 21.6900, -18.6460

Rectangle

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



111.0970, -81.8810, -30.4010



119.3110, -78.7670, -9.7350



139.4730, 44.7450, 20.5930



136.8740, 44.1530, -1.7270

Sweetspot

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



111.0970, -81.8810, -30.4010



182.7400, -31.8630, -11.7590



97.0880, -35.2450, -71.6370



89.7310, -18.4760, -6.5720



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



111.0970, -81.8810, -30.4010



138.9290, -116.9990, -43.7430



73.2840, -64.9690, 4.5270



74.4940, -4.4470, -2.0070



97.7980, -82.4770, -30.6130



8.9990, -7.4270, -3.0670

Inverse Universe

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



55.9030, 81.8810, 30.4010



59.9570, 117.3200, 43.4320



93.7160, 64.9690, -4.5270



71.3920, 4.7680, 1.6960



42.2020, 82.4770, 30.6130



3.8870, 7.7480, 2.7560

Previews

White Background



This preview shows how the YIQ color 111.0970, -81.8810, -30.4010 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 111.0970, -81.8810, -30.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

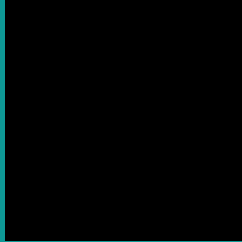
Any Text WCAG AA ✓ Pass

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 111.0970, -81.8810, -30.4010 Background



This preview shows how black text looks on a background with the YIQ color 111.0970, -81.8810, -30.4010.



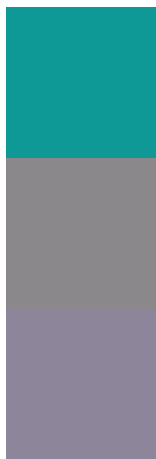
This preview shows how white text looks on a background with the YIQ color 111.0970, -81.8810, -30.4010.

-30.4010.

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

111.0970, -81.8810, -30.4010

Protanopia

136.9400, 0.2290, 1.3570

Deuteranopia

137.7860, -1.9730, 8.2270



Tritanopia

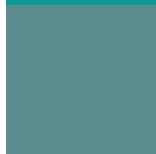
117.0860, -74.1800, -21.2840

Trichromacy



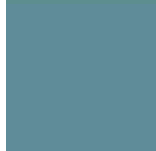
Original Color

111.0970, -81.8810, -30.4010



Protanomaly

127.4630, -29.5250, -10.0770



Deuteranomaly

128.0270, -30.9930, -5.4970



Tritanomaly

115.0100, -77.0220, -24.8460

Monochromacy



Original Color

111.0970, -81.8810, -30.4010



Achromatopsia

111.0000, -0.0000, 0.0000



Achromatomaly

110.9360, -29.4790, -10.9110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.0970, -81.8810, -30.4010 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(14, 153, 150)` looks like.

```
.text, #text, p{  
    color:rgb(14, 153, 150)  
}
```

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(14, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 153, 150) }
```

Border

The CSS property to change the border of an element to YIQ 111.0970, -81.8810, -30.4010 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(14, 153, 150) }
```


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

```
.border{ border-color:rgb(14, 153, 150) }
```

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

Here you see how a box with a 4 pixel rgb(14, 153, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(14, 153,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 111.0970, -81.8810, -30.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 153, 150) }
```

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

```
.background{ background-color: rgb(14, 153,  
150) }
```

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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