

Converting Colors

YIQ(71.4310, -44.8350,
-29.9790)

Have a look what the booklet for
YIQ(71.4310, -44.8350, -29.9790)
contains.

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Color

**YIQ(71.4310, -44.8350,
-29.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	0A6746
RGB	10, 103, 70
RGB Percent	4%, 40%, 27%
CMY	0.9610, 0.5959, 0.7256
CMYK	0.90, 0.00, 0.32, 0.60
HSL	159°, 82%, 22%
HSV	159°, 90%, 40%
XYZ	6.0828, 10.2141, 7.4388
YIQ	71.4310, -44.8350, -29.9790

Conversions

Conversions Part 2

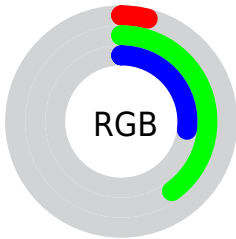
Format	Color
RYB	10, 67, 103
Decimal	681798
CIELab	38.22, -33.73, 11.73
CIElCh	38, 35.708, 160.824
Yxy	10.2141, 0.2563, 0.4303
Android (android.graphics.Color)	4278871878 (0xFF0A6746)
YUV	71.4310, -0.7055, -53.8750
Hunter-Lab	31.9595, -21.9555, 8.5714

Details

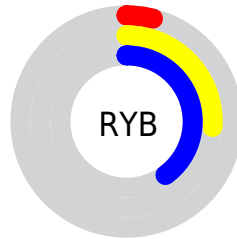
The YIQ color **71.4310, -44.8350, -29.9790** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **41.5690, 44.8350, 29.9790**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.5630, -36.3990, -28.6790**, and **35.2490, -23.4710, -20.6790** is the 20% darker color. If you saturate the color by 10%, you get **67.9850, -49.5110, -33.3430**, and if you desaturate by 10%, it is **74.8770, -40.1590, -26.6150**.

Distribution



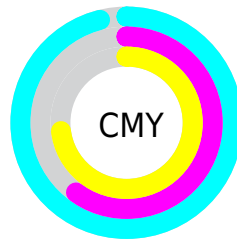
- Red (4%)
- Green (40%)
- Blue (27%)



- Red (4%)
- Yellow (26%)
- Blue (40%)



- Cyan (90%)
- Magenta (0%)
- Yellow (32%)
- Black (60%)



- Cyan (96%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.4310, -44.8350, -29.9790 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 71.4310, -44.8350, -29.9790 by changing the saturation by 10% instead.

71.4310, -44.8350,
-29.9790

71.4310, -44.8350,
-29.9790

255.0000, -0.0000,
-0.0000

51.1440, -36.5370,
-26.1770

126.5630,
-36.3990, -28.6790

35.2490, -23.4710,
-20.6790

153.4490,
-36.0780, -28.9900

20.5450, -9.6250,
-18.3050

181.0360,
-36.3530, -29.5130


0.0000, 0.0000,
0.0000


208.9220,
-36.0320, -29.8240


230.4650,
-33.0070, -24.0710


242.1430,


-25.6280, -9.1160


 251.1130, -7.7480,
-2.7560


 71.4310, -44.8350,
-29.9790


 71.4310, -44.8350,
-29.9790


 67.9850, -49.5110,
-33.3430

 74.8770, -40.1590,
-26.6150

 78.5080, -34.5660,
-23.3500

 81.9540, -29.8900,
-19.9860

 85.4000, -25.2140,
-16.6220

 88.7320, -20.2170,
-13.5690

■ 92.4770, -14.9450,
-9.9930

■ 95.9230, -10.2690,
-6.6290

■ 99.2550, -5.2720,
-3.5760

■ 103.0000, -0.0000,
0.0000

Harmonies

Analogous

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



82.5640, -2.6090, -24.3130



71.4310, -44.8350, -29.9790



72.4480, -60.7000, -23.2920

Triad

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



71.4310, -44.8350, -29.9790



86.6310, -37.9650, 10.7310



89.3940, 45.9850, 9.1290

Complementary

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



71.4310, -44.8350, -29.9790



41.5690, 44.8350, 29.9790

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.



90.4450, 41.9480, 21.7240



71.4310, -44.8350, -29.9790



92.7560, -1.2880, 23.3520

Square

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



71.4310, -44.8350, -29.9790



73.9420, -73.1740, -6.4700



92.2230, 25.2580, 26.8420



88.1890, 38.6520, -6.6600

Rectangle

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



71.4310, -44.8350, -29.9790



74.6140, -66.7990, -17.3830



92.2230, 25.2580, 26.8420



89.4420, 46.0300, 13.8220

Sweetspot

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



71.4310, -44.8350, -29.9790



122.7540, -17.2830, -11.6750



74.7570, -5.3110, -41.4310



61.5100, -10.5440, -7.1520



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



71.4310, -44.8350, -29.9790



89.1630, -65.0520, -43.5480



68.1490, -52.1280, -13.4400



49.2770, -2.3380, -1.6820



75.9410, -55.3790, -37.1310



159.8380, -116.6260, -78.0500

Inverse Universe

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



41.5690, 44.8350, 29.9790



45.8370, 65.0520, 43.5480



44.8510, 52.1280, 13.4400



47.7230, 2.3380, 1.6820



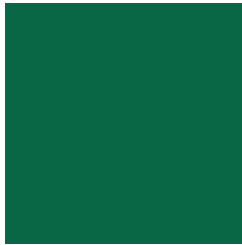
39.0590, 55.3790, 37.1310



82.1620, 116.6260, 78.0500

Previews

White Background



This preview shows how the YIQ color 71.4310, -44.8350, -29.9790 looks on a white background.

Color Contrast Check

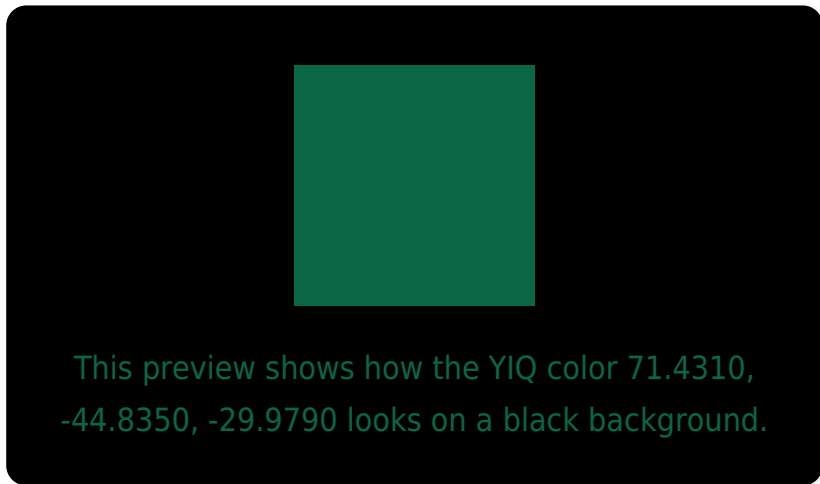
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

YIQ 71.4310, -44.8350, -29.9790

Background



This preview shows how black text looks on a background with the YIQ color 71.4310, -44.8350, -29.9790.



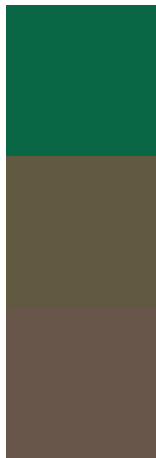
This preview shows how white text looks on a background with the YIQ color 71.4310, -44.8350,

-29.9790.

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

71.4310, -44.8350, -29.9790

Protanopia

89.1290, 12.5180, -6.6020

Deuteranopia

90.0140, 14.5800, 0.0840



Tritanopia

80.3740, -39.5200, -10.6560

Trichromacy



Original Color

71.4310, -44.8350, -29.9790

Protanomaly

82.7240, -8.5710, -15.3790

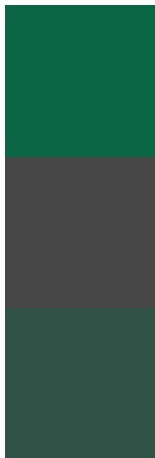
Deuteranomaly

83.2560, -7.0130, -10.5730

Tritanomaly

77.3750, -41.2610, -17.6530

Monochromacy



Original Color

71.4310, -44.8350, -29.9790

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.4660, -16.4120, -10.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.4310, -44.8350, -29.9790 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(10, 103, 70)` looks like.

```
.text, #text, p{  
    color:rgb(10, 103, 70)  
}
```

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(10, 103, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 103, 70) }
```

Border

The CSS property to change the border of an element to YIQ 71.4310, -44.8350, -29.9790 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(10, 103, 70) }
```


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

```
.border{ border-color:rgb(10, 103, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 103, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 103, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 103, 70);  
box-shadow:4px 4px 4px 4px rgb(10, 103,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 71.4310, -44.8350, -29.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 103, 70) }
```

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

```
.background{ background-color: rgb(10, 103,  
70) }
```

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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