

Converting Colors

YIQ(31.4760, 13.1590, -1.6970)

Have a look what the booklet for
YIQ(31.4760, 13.1590, -1.6970)
contains.

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Color

**YIQ(31.4760, 13.1590,
-1.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	2B1D0E
RGB	43, 29, 14
RGB Percent	17%, 11%, 5%
CMY	0.8313, 0.8863, 0.9450
CMYK	0.00, 0.33, 0.67, 0.83
HSL	31°, 51%, 11%
HSV	31°, 67%, 17%
XYZ	1.5151, 1.4239, 0.6110
YIQ	31.4760, 13.1590, -1.6970

Conversions

Conversions Part 2

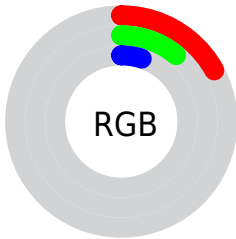
Format	Color
RYB	41, 43, 14
Decimal	2825486
CIELab	12.12, 4.65, 12.15
CIELCh	12, 13.008, 69.070
Yxy	1.4239, 0.4268, 0.4011
Android (android.graphics.Color)	4281015566 (0xFF2B1D0E)
YUV	31.4760, -8.6157, 10.1065
Hunter-Lab	11.9328, 1.7819, 5.3169

Details

The YIQ color **31.4760, 13.1590, -1.6970** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.5240, -13.1590, 1.6970**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **75.6720, 15.5430, -0.8490**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.8460, 14.9930, -1.8950**, and if you desaturate by 10%, it is **33.1060, 11.3250, -1.4990**.

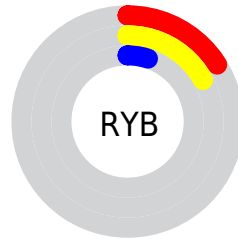
Distribution



Red (17%)

Green (11%)

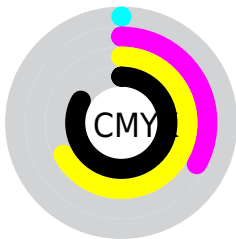
Blue (5%)



Red (16%)

Yellow (17%)

Blue (5%)

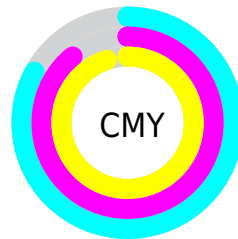


Cyan (0%)

Magenta (33%)

Yellow (67%)

Black (83%)



Cyan (83%)

Magenta (89%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.4760, 13.1590, -1.6970 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 31.4760, 13.1590, -1.6970 by changing the saturation by 10% instead.

■ 31.4760, 13.1590,
-1.6970

■ 31.4760, 13.1590,
-1.6970

■ 253.0620, 5.4570,
-5.2870

■ 8.6270, 11.4160,
2.3600

■ 75.6720, 15.5430,
-0.8490

■ 0.0000, 0.0000,
0.0000

■ 99.5580, 15.8640,
-1.1600

■ 124.7430, 16.7810,
-1.2590

■ 150.9280, 17.6980,
-1.3580

■ 177.2270, 18.2940,
-1.1460

■ 205.1130, 18.6150,

-1.4570

■ 233.2980, 19.5320,
-1.5560

■ 31.4760, 13.1590,
-1.6970

■ 31.4760, 13.1590,
-1.6970

■ 29.8460, 14.9930,
-1.8950

■ 33.1060, 11.3250,
-1.4990

■ 28.1020, 17.1480,
-2.4040

■ 34.8500, 9.1700,
-0.9900

■ 26.4720, 18.9820,
-2.6020

■ 36.4800, 7.3360,
-0.7920

■ 25.7710, 19.5780,
-2.3900

■ 38.1100, 5.5020,
-0.5940

■ 39.8540, 3.3470,
-0.0850

■ 41.4840, 1.5130,
0.1130

■ 43.7010, -0.5960,
-0.2120

■ 45.3310, -2.4300,
-0.0140

■ 47.0750, -4.5850,
0.4950

Harmonies

Analogous

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



32.0080, 14.7170, 3.1090



31.4760, 13.1590, -1.6970



30.6170, 8.2080, -5.5840

Triad

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



31.4760, 13.1590, -1.6970



26.1930, -19.8970, -8.3530



32.4440, -1.0100, 7.2940

Complementary

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



31.4760, 13.1590, -1.6970



25.5240, -13.1590, 1.6970

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.



31.2470, -10.8210, 3.3790



31.4760, 13.1590, -1.6970



26.0340, -23.7030, -5.4550

Square

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



31.4760, 13.1590, -1.6970



28.1680, -9.5810, -8.0850



27.5230, -20.5860, -1.3700



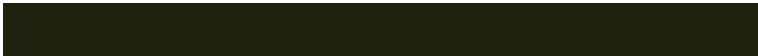
33.0490, 7.4720, 7.7600

Rectangle

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



31.4760, 13.1590, -1.6970



30.3390, 3.1190, -6.9690



27.5230, -20.5860, -1.3700



32.5360, -4.2650, 5.7110

Sweetspot

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



31.4760, 13.1590, -1.6970



51.8110, 4.9060, -0.8060



24.2670, 12.7900, 10.5020



25.4410, 3.0720, -0.6080



156.0000, -0.0000, -0.0000



28.0000, -0.0000, 0.0000

Same Dimension

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



31.4760, 13.1590, -1.6970



37.9560, 20.4950, -2.4890



39.6940, 9.3090, -9.0190



19.1850, 0.9170, -0.0990



50.3570, 38.2390, -4.6810



127.3710, 96.3770, -12.0630

Inverse Universe

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



25.5240, -13.1590, 1.6970



29.0440, -20.4950, 2.4890



17.3060, -9.3090, 9.0190



18.8150, -0.9170, 0.0990



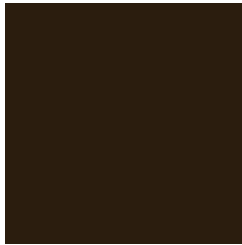
33.6430, -38.2390, 4.6810



84.0420, -96.1020, 12.5860

Previews

White Background



This preview shows how the YIQ color 31.4760, 13.1590, -1.6970 looks on a white background.

Color Contrast Check

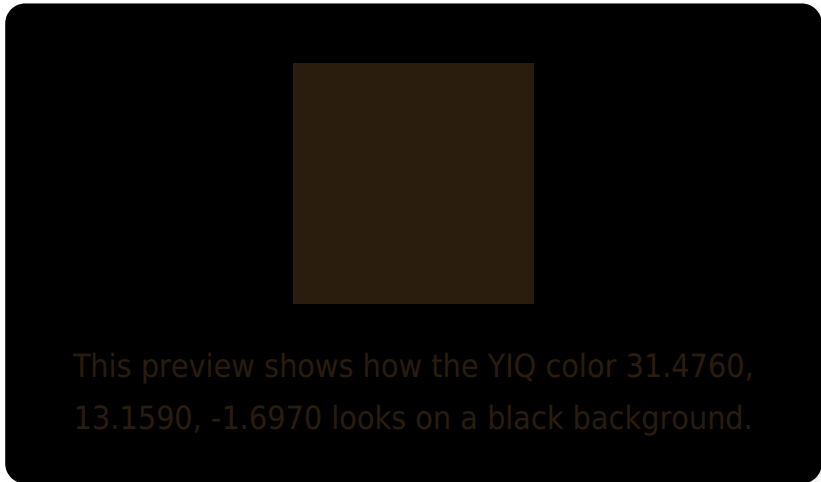
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

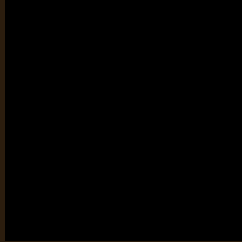
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.4760, 13.1590, -1.6970

Background



This preview shows how black text looks on a background with the YIQ color 31.4760, 13.1590, -1.6970.



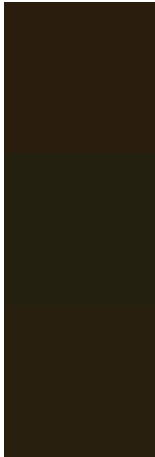
This preview shows how white text looks on a background with the YIQ color 31.4760, 13.1590,

-1.6970.

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

31.4760, 13.1590, -1.6970

Protanopia

31.2580, 7.8410, -4.4390

Deuteranopia

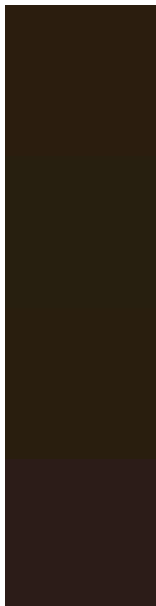
31.7530, 10.8210, -3.3790



Tritanopia

32.3110, 9.4900, 4.2260

Trichromacy



Original Color

31.4760, 13.1590, -1.6970

Protanomaly

31.5680, 9.9040, -3.2800

Deuteranomaly

31.4650, 11.6920, -2.6440

Tritanomaly

32.3280, 10.8200, 2.1480

Monochromacy



Original Color

31.4760, 13.1590, -1.6970

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

30.9250, 4.5850, -0.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.4760, 13.1590, -1.6970 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(43, 29, 14)` looks like.

```
.text, #text, p{  
    color:rgb(43, 29, 14)  
}
```

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(43, 29, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 29, 14) }
```

Border

The CSS property to change the border of an element to YIQ 31.4760, 13.1590, -1.6970 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(43, 29, 14) }
```


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

```
.border{ border-color:rgb(43, 29, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 29, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 29, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 29, 14);  
box-shadow:4px 4px 4px 4px rgb(43, 29, 14)  
}
```

Background

The CSS property to change the background color of an element to YIQ 31.4760, 13.1590, -1.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 29, 14) }
```

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

```
.background{ background-color: rgb(43, 29,  
14) }
```

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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