

Converting Colors

YIQ(48.2670, -31.9090,
-10.9250)

Have a look what the booklet for
YIQ(48.2670, -31.9090, -10.9250)
contains.

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Color

**YIQ(48.2670, -31.9090,
-10.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	0B4041
RGB	11, 64, 65
RGB Percent	4%, 25%, 25%
CMY	0.9570, 0.7489, 0.7452
CMYK	0.83, 0.01, 0.00, 0.75
HSL	181°, 71%, 15%
HSV	181°, 83%, 25%
XYZ	2.9254, 4.1215, 5.6374
YIQ	48.2670, -31.9090, -10.9250

Conversions

Conversions Part 2

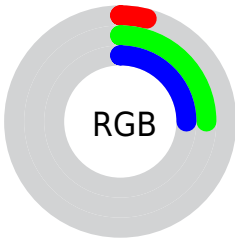
Format	Color
R_{YB}	11, 38, 65
Decimal	737345
CIE _{Lab}	24.07, -16.02, -5.46
CIE _{LCh}	24, 16.922, 198.816
Yxy	4.1215, 0.2306, 0.3249
Android (android.graphics.Color)	4278927425 (0xFF0B4041)
YUV	48.2670, 8.2494, -32.6832
Hunter-Lab	20.3015, -9.8059, -2.2529

Details

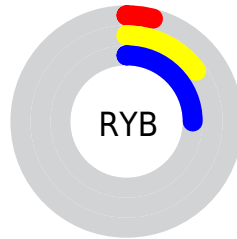
The YIQ color **48.2670, -31.9090, -10.9250** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.7330, 31.9090, 10.9250**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **97.7620, -28.9290, -9.8650**, and **16.1230, -13.7080, -4.8760** is the 20% darker color. If you saturate the color by 10%, you get **46.1740, -36.0810, -12.4090**, and if you desaturate by 10%, it is **50.0610, -28.3330, -9.6530**.

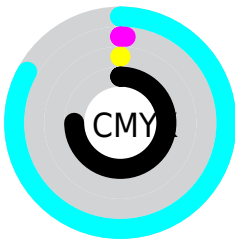
Distribution



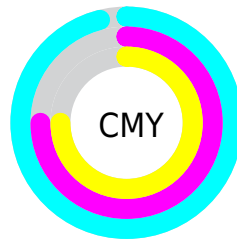
- Red (4%)
- Green (25%)
- Blue (25%)



- Red (4%)
- Yellow (15%)
- Blue (25%)



- Cyan (83%)
- Magenta (1%)
- Yellow (0%)
- Black (75%)



- Cyan (96%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.2670, -31.9090, -10.9250 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 48.2670, -31.9090, -10.9250 by changing the saturation by 10% instead.

■ 48.2670, -31.9090,
-10.9250

■ 48.2670, -31.9090,
-10.9250

■ 254.7010, -0.5960,
-0.2120

■ 29.5560, -25.3530,
-8.5930

■ 97.7620, -28.9290,
-9.8650

■ 16.1230, -13.7080,
-4.8760

■ 123.3490,
-29.2040, -10.3880

■ 0.0000, 0.0000,
0.0000


■ 149.3490,
-29.2040, -10.3880


■ 176.3490,
-29.2040, -10.3880


■ 204.0500,
-29.8000, -10.6000


■ 232.7510,


-30.3960, -10.8120


 246.0300,
-17.8800, -6.3600


 48.2670, -31.9090,
-10.9250


 48.2670, -31.9090,
-10.9250


 46.1740, -36.0810,
-12.4090


 50.0610, -28.3330,
-9.6530

 44.9780, -38.4650,
-13.2570

 52.1540, -24.1610,
-8.1690

 53.9480, -20.5850,
-6.8970

 56.0410, -16.4130,
-5.4130

 58.4220, -13.1120,
-4.6640

■ 60.5150, -8.9400,
-3.1800

■ 62.3090, -5.3640,
-1.9080

■ 64.4020, -1.1920,
-0.4240

■ 66.1960, 2.3840,
0.8480

Harmonies

Analogous

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



51.5690, -18.2000, -11.5760



48.2670, -31.9090, -10.9250



48.9340, -35.1650, -6.9810

Triad

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



48.2670, -31.9090, -10.9250



59.0040, 3.3450, 10.9690



56.8630, 16.3230, -3.9730

Complementary

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



48.2670, -31.9090, -10.9250



27.7330, 31.9090, 10.9250

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.



58.0040, 20.5400, 2.2040



48.2670, -31.9090, -10.9250



58.9790, 13.6610, 11.2370

Square

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



48.2670, -31.9090, -10.9250



57.6540, -10.4090, 6.9270



58.3940, 19.6220, 7.8300



55.7370, 7.7500, -8.2980

Rectangle

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



48.2670, -31.9090, -10.9250



52.2170, -28.4720, -1.6240



58.3940, 19.6220, 7.8300



56.8140, 18.0190, -1.6690

Sweetspot

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



48.2670, -31.9090, -10.9250



77.7210, -12.5160, -4.4520



42.8120, -15.1710, -27.9310



39.1130, -7.7480, -2.7560



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



48.2670, -31.9090, -10.9250



58.2970, -49.7890, -17.2850



32.4180, -24.4840, 3.1960



32.1030, -1.7880, -0.6360



66.8230, -57.2620, -19.5180



154.6760, -132.4040, -45.3960

Inverse Universe

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



33.1880, 15.1710, 27.9310



34.5780, 23.4210, 43.6210



43.5820, 24.4840, -3.1960



31.2390, 0.8250, 1.5690



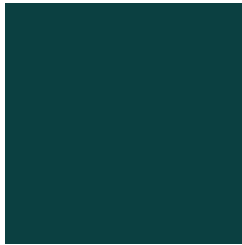
39.8330, 27.3170, 50.1090



92.0560, 62.8840, 115.9080

Previews

White Background



This preview shows how the YIQ color 48.2670, -31.9090, -10.9250 looks on a white background.

Color Contrast Check

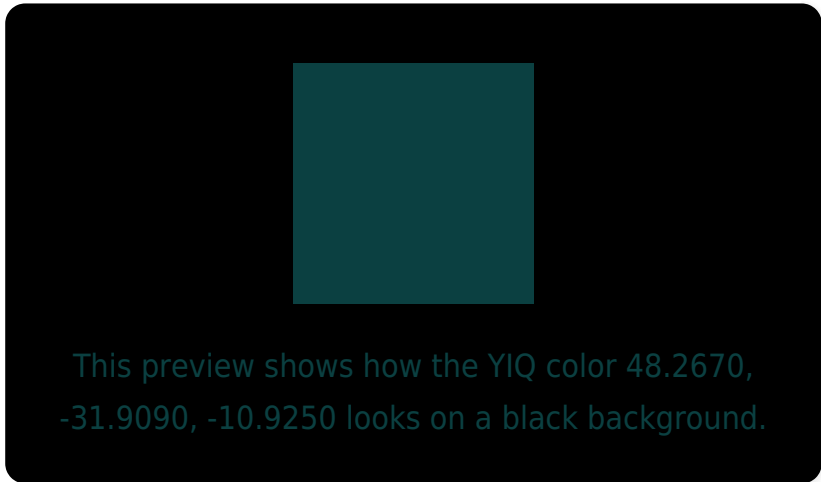
Large Text (above 18pt) WCAG AA ✓ Pass

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

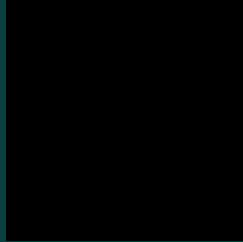
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.2670, -31.9090, -10.9250

Background



This preview shows how black text looks on a background with the YIQ color 48.2670, -31.9090, -10.9250.



This preview shows how white text looks on a background with the YIQ color 48.2670, -31.9090,

-10.9250.

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

48.2670, -31.9090, -10.9250

Protanopia

57.4560, -1.2840, 1.2440

Deuteranopia

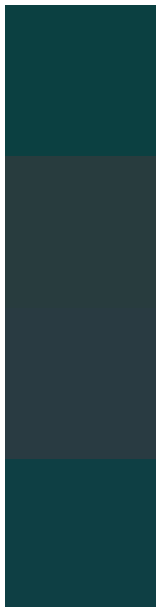
57.8520, -2.3390, 3.8450



Tritanopia

49.3320, -30.5340, -8.3100

Trichromacy



Original Color

48.2670, -31.9090, -10.9250

Protanomaly

54.2480, -12.5620, -3.6180

Deuteranomaly

54.4160, -12.9750, -1.6390

Tritanomaly

48.9190, -30.8090, -8.8330

Monochromacy



Original Color

48.2670, -31.9090, -10.9250

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.3190, -11.3240, -4.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.2670, -31.9090, -10.9250 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(11, 64, 65)` looks like.

```
.text, #text, p{  
    color:rgb(11, 64, 65)  
}
```

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(11, 64, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 64, 65) }
```

Border

The CSS property to change the border of an element to YIQ 48.2670, -31.9090, -10.9250 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(11, 64, 65) }
```


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

```
.border{ border-color:rgb(11, 64, 65) }
```

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

Here you see how a box with a 4 pixel rgb(11, 64, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 64, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 64, 65);  
box-shadow:4px 4px 4px 4px rgb(11, 64, 65)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.2670, -31.9090, -10.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 64, 65) }
```

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

```
.background{ background-color: rgb(11, 64,  
65) }
```

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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