

Converting Colors

YIQ(31.2350, -11.6880,
-19.4640)

Have a look what the booklet for
YIQ(31.2350, -11.6880, -19.4640)
contains.

YIQ(31.2350, -11.6880, -19.4640)	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(31.2350, -11.6880,
-19.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	082F0B
RGB	8, 47, 11
RGB Percent	3%, 18%, 4%
CMY	0.9687, 0.8156, 0.9569
CMYK	0.83, 0.00, 0.77, 0.82
HSL	125°, 71%, 11%
HSV	125°, 83%, 18%
XYZ	1.1773, 2.1099, 0.6617
YIQ	31.2350, -11.6880, -19.4640

Conversions

Conversions Part 2

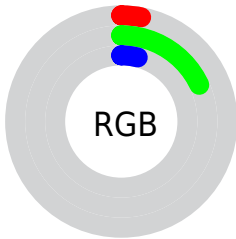
Format	Color
R_{YB}	8, 44, 47
Decimal	536331
CIE _{Lab}	16.05, -22.48, 18.21
CIE _{LCh}	16, 28.929, 140.977
Yxy	2.1099, 0.2981, 0.5343
Android (android.graphics.Color)	4278726411 (0xFF082F0B)
YUV	31.2350, -9.9759, -20.3771
Hunter-Lab	14.5256, -10.9521, 7.4671

Details

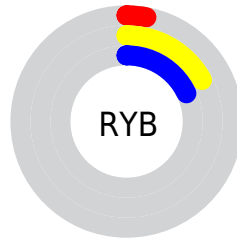
The YIQ color **31.2350, -11.6880, -19.4640** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **23.7650, 11.6880, 19.4640**, and the grayscale version is **31.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **78.1920, -10.1290, -20.1850**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.2840, -13.3840, -21.7680**, and if you desaturate by 10%, it is **33.1860, -9.9920, -17.1600**.

Distribution



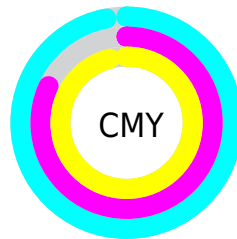
- Red (3%)
- Green (18%)
- Blue (4%)



- Red (3%)
- Yellow (17%)
- Blue (18%)



- Cyan (83%)
- Magenta (0%)
- Yellow (77%)
- Black (82%)



- Cyan (97%)
- Magenta (82%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 31.2350, -11.6880, -19.4640 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 31.2350, -11.6880, -19.4640 by changing the saturation by 10% instead.

■ 31.2350, -11.6880,
-19.4640

■ 31.2350, -11.6880,
-19.4640

■ 248.3490, -2.8410,
-9.0890

■ 16.4360, -7.7000,
-14.6440

■ 78.1920, -10.1290,
-20.1850

■ 0.0000, 0.0000,
0.0000

■ 102.0780, -9.8080,
-20.4960


■ 127.5510, -9.7620,
-21.3300


■ 153.7250,
-10.3120, -22.3760


■ 180.6110, -9.9910,
-22.6870


■ 208.1980,


-10.2660, -23.2100


 236.7850,
-10.5410, -23.7330


 31.2350, -11.6880,
-19.4640


 31.2350, -11.6880,
-19.4640


 29.2840, -13.3840,
-21.7680


 33.1860, -9.9920,
-17.1600

 28.0450, -14.2090,
-23.3370

 34.9520, -9.2130,
-14.7570

 36.9030, -7.5170,
-12.4530

 38.8540, -5.8210,
-10.1490

 40.6200, -5.0420,
-7.7460

■ 42.5710, -3.3460,
-5.4420

■ 44.5220, -1.6500,
-3.1380

■ 46.5870, -0.2750,
-0.5230

■ 48.2390, 0.8250,
1.5690

Harmonies

Analogous

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



36.3040, 10.2270, -14.6450



31.2350, -11.6880, -19.4640



32.5250, -24.0680, -15.3640

Triad

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



31.2350, -11.6880, -19.4640



35.0620, -38.1010, 2.1790



37.4280, 31.4500, 13.7380

Complementary

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



31.2350, -11.6880, -19.4640



23.7650, 11.6880, 19.4640

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.



38.3380, 23.1960, 20.1560



31.2350, -11.6880, -19.4640



38.4990, -20.0380, 10.7300

Square

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



31.2350, -11.6880, -19.4640



36.3840, -36.3120, -2.7120



40.7150, 5.9570, 18.7010



37.5230, 32.1400, 1.2280

Rectangle

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



31.2350, -11.6880, -19.4640



34.1210, -28.5620, -11.0100



40.7150, 5.9570, 18.7010



37.0520, 29.7530, 16.9610

Sweetspot

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



31.2350, -11.6880, -19.4640



54.9190, -4.4460, -7.5340



41.6570, 10.7310, -12.7650



26.9840, -3.0710, -4.9190



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



31.2350, -11.6880, -19.4640



36.3770, -18.3800, -30.3480



33.4010, -17.7870, -13.5550



22.1740, -0.5500, -1.0460



51.8670, -26.1720, -43.3240



127.5560, -64.3070, -106.6350

Inverse Universe

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



23.7650, 11.6880, 19.4640



24.6230, 18.3800, 30.3480



21.5990, 17.7870, 13.5550



21.8260, 0.5500, 1.0460



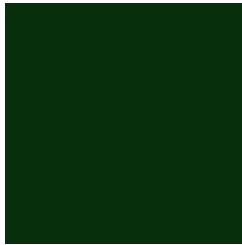
35.1330, 26.1720, 43.3240



86.5580, 63.9860, 106.9460

Previews

White Background



This preview shows how the YIQ color 31.2350, -11.6880, -19.4640 looks on a white background.

Color Contrast Check

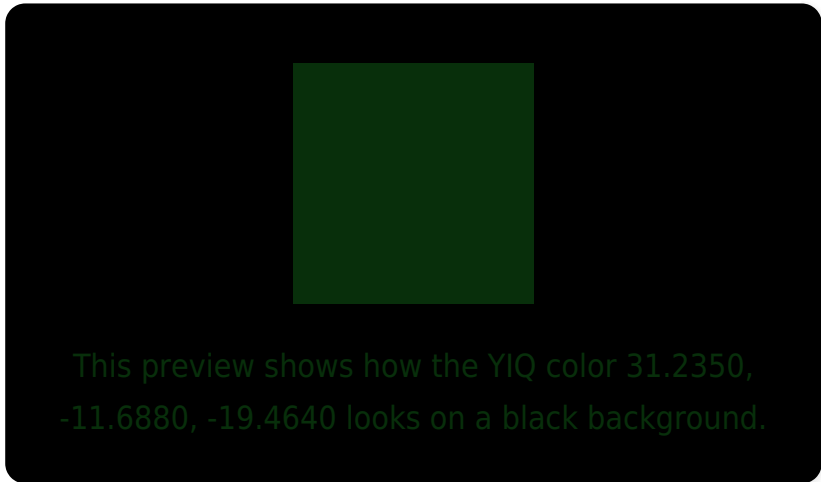
Large Text (above 18pt) WCAG AA ✓ Pass

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

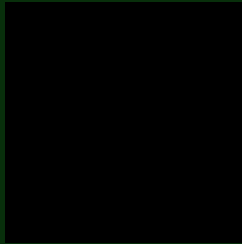
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 31.2350, -11.6880, -19.4640

Background



This preview shows how black text looks on a background with the YIQ color 31.2350, -11.6880, -19.4640.



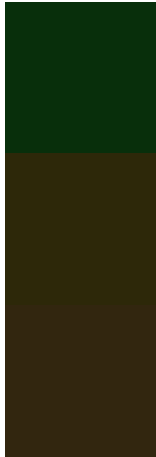
This preview shows how white text looks on a background with the YIQ color 31.2350, -11.6880,

-19.4640.

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

31.2350, -11.6880, -19.4640

Protanopia

37.9610, 12.9310, -8.5810

Deuteranopia

38.9660, 14.5350, -4.6090



Tritanopia

37.4650, -14.6710, -3.9430

Trichromacy



Original Color

31.2350, -11.6880, -19.4640

Protanomaly

35.9490, 4.0370, -12.5950

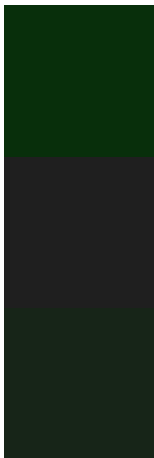
Deuteranomaly

36.1280, 5.0910, -9.6690

Tritanomaly

35.0750, -13.7530, -9.5690

Monochromacy



Original Color

31.2350, -11.6880, -19.4640

Achromatopsia

31.0000, -0.0000, -0.0000

Achromatomaly

31.3320, -4.1710, -7.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 31.2350, -11.6880, -19.4640 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, 47, 11)` looks like.

```
.text, #text, p{  
    color:rgb(8, 47, 11)  
}
```

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, 47, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 47, 11) }
```

Border

The CSS property to change the border of an element to YIQ 31.2350, -11.6880, -19.4640 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, 47, 11) }
```


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

```
.border{ border-color:rgb(8, 47, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 47, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 47, 11); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 47, 11); box-shadow:4px  
4px 4px 4px rgb(8, 47, 11) }
```

Background

The CSS property to change the background color of an element to YIQ 31.2350, -11.6880, -19.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 47, 11) }
```

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

```
.background{ background-color: rgb(8, 47,  
11) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor