

Converting Colors

YIQ(18.1310, -8.1590, -11.8310)

Have a look what the booklet for
YIQ(18.1310, -8.1590, -11.8310)
contains.

YIQ(18.1310, -8.1590, -11.8310)	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(18.1310, -8.1590,
-11.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	031C07
RGB	3, 28, 7
RGB Percent	1%, 11%, 3%
CMY	0.9883, 0.8902, 0.9726
CMYK	0.89, 0.00, 0.75, 0.89
HSL	130°, 81%, 6%
HSV	130°, 89%, 11%
XYZ	0.4912, 0.8656, 0.3421
YIQ	18.1310, -8.1590, -11.8310

Conversions

Conversions Part 2

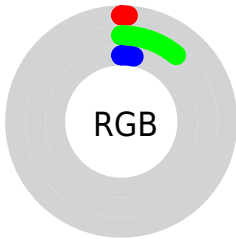
Format	Color
RYB	3, 25, 28
Decimal	203783
CIELab	7.82, -13.58, 8.59
CIElCh	8, 16.069, 147.695
Yxy	0.8656, 0.2891, 0.5095
Android (android.graphics.Color)	4278393863 (0xFF031C07)
YUV	18.1310, -5.4876, -13.2699
Hunter-Lab	9.3036, -6.8581, 4.3325

Details

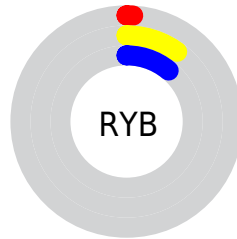
The YIQ color **18.1310, -8.1590, -11.8310** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.8690, 8.1590, 11.8310**, and the grayscale version is **18.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **61.9570, -7.6090, -10.7850**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **17.0060, -9.3050, -13.0890**, and if you desaturate by 10%, it is **19.2560, -7.0130, -10.5730**.

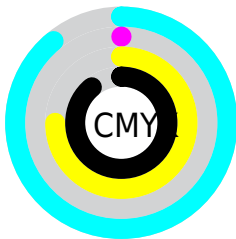
Distribution



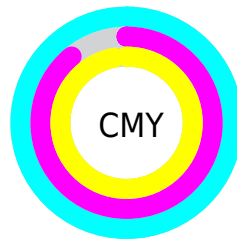
- Red (1%)
- Green (11%)
- Blue (3%)



- Red (1%)
- Yellow (10%)
- Blue (11%)



- Cyan (89%)
- Magenta (0%)
- Yellow (75%)
- Black (89%)



- Cyan (99%)
- Magenta (89%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 18.1310, -8.1590, -11.8310 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 18.1310, -8.1590, -11.8310 by changing the saturation by 10% instead.

■ 18.1310, -8.1590,
-11.8310

■ 18.1310, -8.1590,
-11.8310

■ 244.3050, -8.7090,
-12.8770

■ 0.0000, 0.0000,
0.0000

■ 61.9570, -7.6090,
-10.7850

■ 85.5440, -7.8840,
-11.3080

■ 110.1310, -8.1590,
-11.8310

■ 135.1310, -8.1590,
-11.8310

■ 161.6040, -8.1130,
-12.6650

■ 188.3050, -8.7090,

-12.8770

■ 216.1910, -8.3880,
-13.1880

■ 18.1310, -8.1590,
-11.8310

■ 18.1310, -8.1590,
-11.8310

■ 17.0060, -9.3050,
-13.0890

■ 19.2560, -7.0130,
-10.5730

■ 16.8920, -8.9840,
-13.4000

■ 20.4950, -6.1880,
-9.0040

■ 21.3210, -5.6380,
-7.9580

■ 22.4460, -4.4920,
-6.7000

■ 23.6850, -3.6670,
-5.1310

■ 24.8100, -2.5210,
-3.8730

■ 25.9350, -1.3750,
-2.6150

■ 26.8750, -1.1460,
-1.2580

■ 28.0000, -0.0000,
0.0000

Harmonies

Analogous

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



21.5410, 5.3660, -9.1460



18.1310, -8.1590, -11.8310



19.5310, -15.0370, -8.3250

Triad

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



18.1310, -8.1590, -11.8310



19.9900, -20.4030, 0.8210



22.9160, 17.9720, 4.6920

Complementary

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



18.1310, -8.1590, -11.8310



12.8690, 8.1590, 11.8310

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.



23.5120, 13.4780, 9.0460



18.1310, -8.1590, -11.8310



23.6930, -6.1450, 6.7430

Square

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



18.1310, -8.1590, -11.8310



20.5230, -20.5860, -1.3700



23.8470, 5.2250, 9.9370



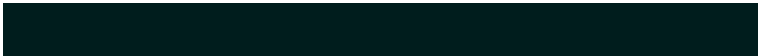
22.2270, 18.2940, -1.1460

Rectangle

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



18.1310, -8.1590, -11.8310



20.3290, -17.2840, -6.1480



23.8470, 5.2250, 9.9370



22.8990, 16.6420, 6.7700

Sweetspot

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



18.1310, -8.1590, -11.8310



32.0980, -3.3920, -4.6080



23.9540, 5.6410, -8.6230



15.6360, -1.9710, -2.8270



145.0000, 0.0000, -0.0000



18.0000, -0.0000, 0.0000

Same Dimension

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



18.1310, -8.1590, -11.8310



21.8160, -11.8260, -16.9620



19.4990, -12.0110, -8.0990



12.2880, -0.8710, -0.7350



46.5670, -25.0270, -36.5390



123.5100, -66.6930, -96.4290

Inverse Universe

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



12.8690, 8.1590, 11.8310



14.1840, 11.8260, 16.9620



11.5010, 12.0110, 8.0990



11.8260, 0.5500, 1.0460



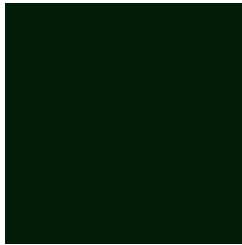
30.3190, 25.3480, 36.2280



80.4900, 66.6930, 96.4290

Previews

White Background



This preview shows how the YIQ color 18.1310, -8.1590, -11.8310 looks on a white background.

Color Contrast Check

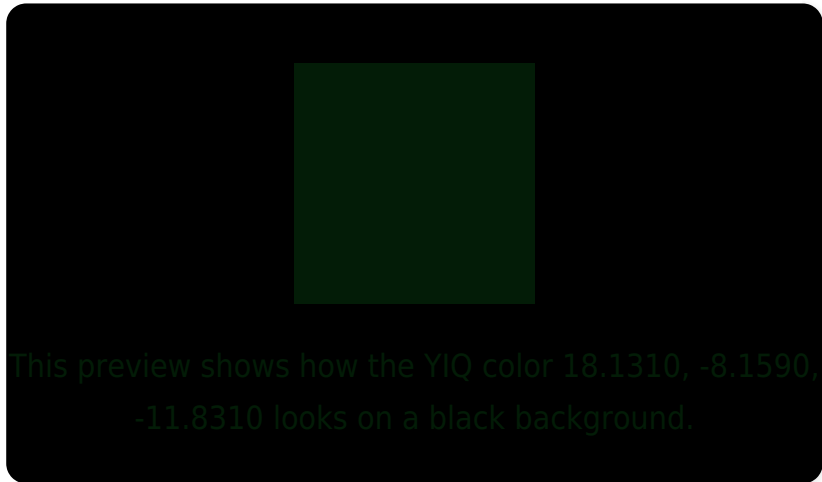
Large Text (above 18pt) WCAG AA ✓ Pass

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

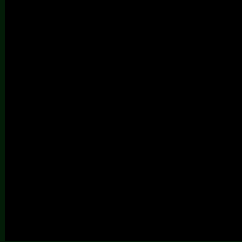
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 18.1310, -8.1590, -11.8310

Background



This preview shows how black text looks on a background with the YIQ color 18.1310, -8.1590, -11.8310.



This preview shows how white text looks on a background with the YIQ color 18.1310, -8.1590, -11.8310.

-11.8310.

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

18.1310, -8.1590, -11.8310

Protanopia

22.8450, 7.5660, -4.9620

Deuteranopia

23.4970, 8.6660, -2.8700



Tritanopia

22.0420, -8.9860, -2.3460

Trichromacy



Original Color

18.1310, -8.1590, -11.8310

Protanomaly

20.7410, 1.9270, -7.3930

Deuteranomaly

21.5670, 2.4770, -6.3470

Tritanomaly

20.8200, -8.4810, -5.9930

Monochromacy



Original Color

18.1310, -8.1590, -11.8310

Achromatopsia

18.0000, -0.0000, 0.0000

Achromatomaly

18.3970, -2.7960, -4.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 18.1310, -8.1590, -11.8310 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(3, 28, 7)` looks like.

```
.text, #text, p{  
    color:rgb(3, 28, 7)  
}
```

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(3, 28, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 28, 7) }
```

Border

The CSS property to change the border of an element to YIQ 18.1310, -8.1590, -11.8310 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(3, 28, 7) }
```


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

```
.border{ border-color:rgb(3, 28, 7) }
```

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

Here you see how a box with a 4 pixel rgb(3, 28, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 28, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 28, 7); box-shadow:4px  
4px 4px 4px rgb(3, 28, 7) }
```

Background

The CSS property to change the background color of an element to YIQ 18.1310, -8.1590, -11.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 28, 7) }
```

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

```
.background{ background-color: rgb(3, 28,  
7) }
```

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