

Converting Colors

YIQ(33.8740, -17.7410,
-14.3890)

Have a look what the booklet for
YIQ(33.8740, -17.7410, -14.3890)
contains.

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Color

**YIQ(33.8740, -17.7410,
-14.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	08301D
RGB	8, 48, 29
RGB Percent	3%, 19%, 11%
CMY	0.9687, 0.8117, 0.8863
CMYK	0.83, 0.00, 0.40, 0.81
HSL	151°, 72%, 11%
HSV	151°, 83%, 19%
XYZ	1.3790, 2.2554, 1.5241
YIQ	33.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

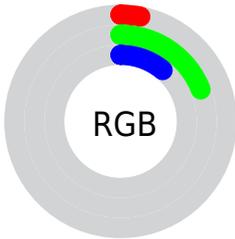
Format	Color
RYB	8, 34, 48
Decimal	536605
CIELab	16.77, -19.32, 8.31
CIELCh	17, 21.028, 156.732
Yxy	2.2554, 0.2673, 0.4372
Android (android.graphics.Color)	4278726685 (0xFF08301D)
YUV	33.8740, -2.4029, -22.6915
Hunter-Lab	15.0179, -9.8903, 4.4953

Details

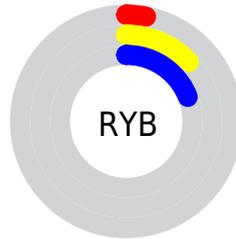
The YIQ color **33.8740, -17.7410, -14.3890** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **22.1260, 17.7410, 14.3890**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8310, -16.1820, -15.1100**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.1510, -20.0790, -16.0710**, and if you desaturate by 10%, it is **35.5970, -15.4030, -12.7070**.

Distribution



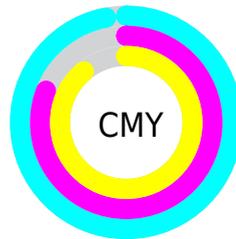
- Red (3%)
- Green (19%)
- Blue (11%)



- Red (3%)
- Yellow (13%)
- Blue (19%)



- Cyan (83%)
- Magenta (0%)
- Yellow (40%)
- Black (81%)



- Cyan (97%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.8740, -17.7410, -14.3890 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 33.8740, -17.7410, -14.3890 by changing the saturation by 10% instead.

■ 33.8740, -17.7410,
-14.3890

■ 33.8740, -17.7410,
-14.3890

■ 250.5150, -8.9400,
-3.1800

■ 16.8920, -8.9840,
-13.4000

■ 80.8310, -16.1820,
-15.1100

■ 0.0000, 0.0000,
0.0000

■ 104.7170,
-15.8610, -15.4210

■ 130.0050,
-16.7320, -16.1560

■ 156.5920,
-17.0070, -16.6790

■ 183.5920,
-17.0070, -16.6790

■ 211.1790,

-17.2820, -17.2020

 239.1790,
-17.2820, -17.2020

 33.8740, -17.7410,
-14.3890

 33.8740, -17.7410,
-14.3890

 32.1510, -20.0790,
-16.0710

 35.5970, -15.4030,
-12.7070

 31.0260, -21.2250,
-17.3290

 37.4340, -13.3860,
-10.7140

 38.8580, -11.6440,
-9.2440

 40.5810, -9.3060,
-7.5620

 42.3040, -6.9680,
-5.8800

■ 44.1410, -4.9510,
-3.8870

■ 45.8640, -2.6130,
-2.2050

■ 47.2880, -0.8710,
-0.7350

■ 49.1250, 1.1460,
1.2580

Harmonies

Analogous

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



38.0950, 0.6900, -12.5100



33.8740, -17.7410, -14.3890



33.7790, -27.5990, -11.9430

Triad

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



33.8740, -17.7410, -14.3890



38.7280, -22.4210, 4.3550



41.2650, 24.2990, 5.6670

Complementary

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



33.8740, -17.7410, -14.3890



22.1260, 17.7410, 14.3890

Split Complementary

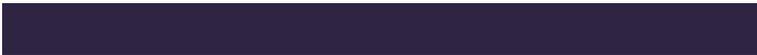
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



41.5130, 20.9050, 12.1130



33.8740, -17.7410, -14.3890



42.7090, -3.0740, 11.6620

Square

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



33.8740, -17.7410, -14.3890



34.8680, -34.7990, -2.5990



42.3040, 11.3680, 14.2480



40.2550, 21.0910, -2.2770

Rectangle

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



33.8740, -17.7410, -14.3890



34.9190, -30.8090, -8.8330



42.3040, 11.3680, 14.2480



41.5470, 23.5650, 7.9570

Sweetspot

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



33.8740, -17.7410, -14.3890



55.7170, -6.6930, -5.3570



37.1610, 0.3240, -16.8920



27.4400, -4.3550, -3.6750



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.



33.8740, -17.7410, -14.3890



39.4550, -27.0470, -21.9510



35.4530, -23.5650, -7.9570



22.2880, -0.8710, -0.7350



56.1990, -38.3700, -31.5060



138.3860, -94.8020, -77.0900

Inverse Universe

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



22.1260, 17.7410, 14.3890



21.5450, 27.0470, 21.9510



20.5470, 23.5650, 7.9570



21.7120, 0.8710, 0.7350



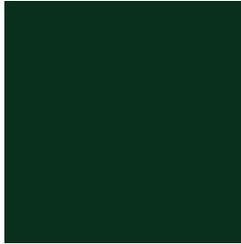
30.6870, 38.6910, 31.1950



75.6140, 94.8020, 77.0900

Previews

White Background



This preview shows how the YIQ color 33.8740, -17.7410, -14.3890 looks on a white background.

Color Contrast Check

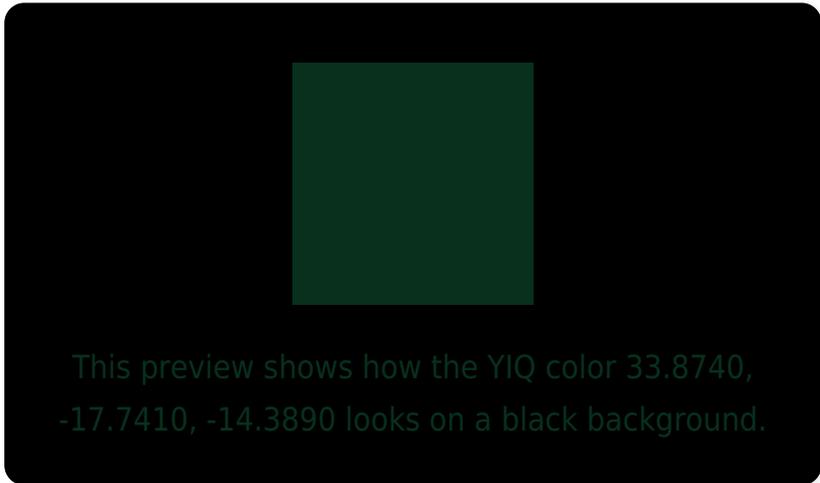
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8740, -17.7410, -14.3890

Background



This preview shows how black text looks on a background with the YIQ color 33.8740, -17.7410, -14.3890.



This preview shows how white text looks on a background with the YIQ color 33.8740, -17.7410,

-14.3890.

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

33.8740, -17.7410, -14.3890

Protanopia

41.0730, 6.9240, -4.3400

Deuteranopia

41.6650, 8.2530, -0.8910



Tritanopia

38.2690, -17.0550, -4.7910

Trichromacy



Original Color

33.8740, -17.7410, -14.3890

Protanomaly

38.4740, -1.6950, -7.8310

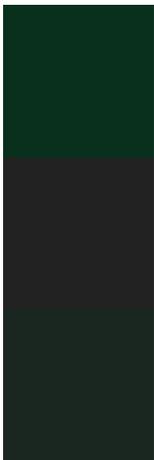
Deuteranomaly

38.8270, -1.1910, -5.9510

Tritanomaly

36.8620, -17.4670, -8.3390

Monochromacy



Original Color

33.8740, -17.7410, -14.3890

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.0160, -6.0970, -5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.8740, -17.7410, -14.3890 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, 48, 29)` looks like.

```
.text, #text, p{  
    color:rgb(8, 48, 29)  
}
```

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, 48, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 48, 29) }
```

Border

The CSS property to change the border of an element to YIQ 33.8740, -17.7410, -14.3890 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, 48, 29) }
```

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

```
.border{ border-color:rgb(8, 48, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 48, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 48, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 48, 29); box-shadow:4px  
4px 4px 4px rgb(8, 48, 29) }
```

Background

The CSS property to change the background color of an element to YIQ 33.8740, -17.7410, -14.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 48, 29) }
```

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

```
.background{ background-color: rgb(8, 48,  
29) }
```

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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