

Converting Colors

YIQ(131.3830, -0.1810,
-13.2450)

Have a look what the booklet for
YIQ(131.3830, -0.1810, -13.2450)
contains.

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Color

**YIQ(131.3830, -0.1810,
-13.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8C6D
RGB	123, 140, 109
RGB Percent	48%, 55%, 43%
CMY	0.5177, 0.4509, 0.5725
CMYK	0.12, 0.00, 0.22, 0.45
HSL	93°, 12%, 49%
HSV	93°, 22%, 55%
XYZ	20.3060, 24.0723, 18.0459
YIQ	131.3830, -0.1810, -13.2450

Conversions

Conversions Part 2

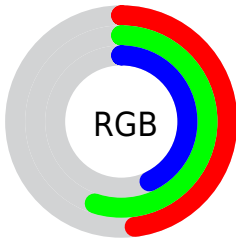
Format	Color
RYB	109, 140, 126
Decimal	8096877
CIELab	56.16, -12.13, 14.55
CIELCh	56, 18.948, 129.810
Yxy	24.0723, 0.3253, 0.3856
Android (android.graphics.Color)	4286286957 (0xFF7B8C6D)
YUV	131.3830, -11.0348, -7.3519
Hunter-Lab	49.0635, -11.9853, 12.5373

Details

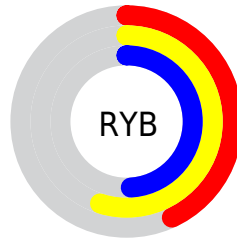
The YIQ color $131.3830, -0.1810, -13.2450$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $117.6170, 0.1810, 13.2450$, and the grayscale version is $131.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $184.8560, -0.1350, -14.0790$, and $81.9100, -0.2270, -12.4110$ is the 20% darker color. If you saturate the color by 10%, you get $127.3950, -0.4550, -19.2950$, and if you desaturate by 10%, it is $135.3710, 0.0930, -7.1950$.

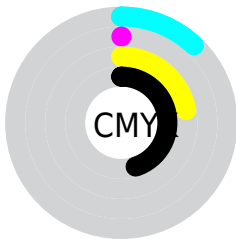
Distribution



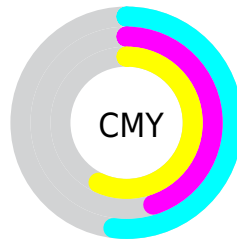
- Red (48%)
- Green (55%)
- Blue (43%)



- Red (43%)
- Yellow (55%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (22%)
- Black (45%)




- Cyan (52%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.3830, -0.1810, -13.2450 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 131.3830, -0.1810, -13.2450 by changing the saturation by 10% instead.


 131.3830, -0.1810,
-13.2450

 131.3830, -0.1810,
-13.2450


255.0000, -0.0000,
-0.0000

 105.9100, -0.2270,
-12.4110


 184.8560, -0.1350,
-14.0790


 81.9100, -0.2270,
-12.4110


 211.8560, -0.1350,
-14.0790


 58.4370, -0.2730,
-11.5770

 240.3290, -0.0890,
-14.9130

 36.6650, -0.9150,
-10.9550

 253.7460, 3.5310,
-3.4210

 14.9850, -4.8120,
-11.9160

 0.0000, 0.0000,
0.0000

■ 131.3830, -0.1810,
-13.2450

■ 131.3830, -0.1810,
-13.2450

■ 127.3950, -0.4550,
-19.2950

■ 135.3710, 0.0930,
-7.1950

■ 123.7060, -0.1330,
-25.1330

■ 139.0600, -0.2290,
-1.3570

■ 119.7180, -0.4070,
-31.1830

■ 143.0480, 0.0450,
4.6930

■ 115.7300, -0.6810,
-37.2330

■ 147.0360, 0.3190,
10.7430

■ 112.0410, -0.3590,
-43.0710

■ 150.7250, -0.0030,
16.5810

■ 108.0530, -0.6330,
-49.1210

■ 154.7130, 0.2710,
22.6310

■ 104.0650, -0.9070,
-55.1710

■ 158.7010, 0.5450,
28.6810

■ 101.0170, -0.9520,

■ 162.3900, 0.2230,

-59.8640

34.5190

■ 166.3780, 0.4970,
40.5690

Harmonies

Analogous

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



133.0320, 14.1690, -8.9910



131.3830, -0.1810, -13.2450



129.3580, -16.2280, -14.2760

Triad

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



131.3830, -0.1810, -13.2450



130.6020, -30.9940, 0.0300



137.2530, 24.5730, 11.7170

Complementary

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



131.3830, -0.1810, -13.2450



117.6170, 0.1810, 13.2450

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.



137.2720, 14.3940, 14.4740



131.3830, -0.1810, -13.2450



134.1740, -17.7450, 7.7190

Square

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



131.3830, -0.1810, -13.2450



128.2220, -36.0360, -7.7160



137.0190, -1.0110, 12.8210



136.3040, 28.5630, 5.4830

Rectangle

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



131.3830, -0.1810, -13.2450



128.2090, -25.9940, -13.4980



137.0190, -1.0110, 12.8210



137.5240, 22.3720, 13.0600

Sweetspot

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



131.3830, -0.1810, -13.2450



177.4250, 0.0010, -5.5270



128.2480, 13.8010, -2.3190



89.8920, 0.1840, -3.3360



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



131.3830, -0.1810, -13.2450



167.3410, -0.3630, -20.9630



127.3110, -8.8460, -15.9020



67.0060, -0.1370, -3.0250



96.0110, -0.8150, -56.8390



3.5330, -0.1830, -2.1910

Inverse Universe

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



117.6170, 0.1810, 13.2450



145.6590, 0.3630, 20.9630



121.6890, 8.8460, 15.9020



63.9940, 0.1370, 3.0250



36.9890, 0.8150, 56.8390



1.4670, 0.1830, 2.1910

Previews

White Background



This preview shows how the YIQ color 131.3830, -0.1810, -13.2450 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 131.3830, -0.1810, -13.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

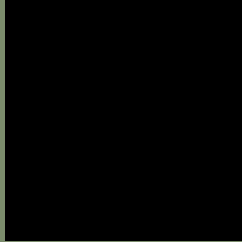
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 131.3830, -0.1810, -13.2450

Background



This preview shows how black text looks on a background with the YIQ color 131.3830, -0.1810, -13.2450.



This preview shows how white text looks on a background with the YIQ color 131.3830, -0.1810,

-13.2450.

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

131.3830, -0.1810, -13.2450

Protanopia

133.4990, 14.3520, -6.8000

Deuteranopia

134.7220, 21.2740, -0.0860



Tritanopia

134.4600, -7.1070, 2.1490

Trichromacy



Original Color

131.3830, -0.1810, -13.2450

Protanomaly

132.6940, 9.3090, -9.0190

Deuteranomaly

133.3680, 13.3430, -5.0330

Tritanomaly

133.5540, -4.6760, -3.3640

Monochromacy



Original Color

131.3830, -0.1810, -13.2450

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.9520, -0.0450, -4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.3830, -0.1810, -13.2450 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(123, 140, 109)` looks like.

```
.text, #text, p{  
    color:rgb(123, 140, 109)  
}
```

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(123, 140, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 140, 109) }
```

Border

The CSS property to change the border of an element to YIQ 131.3830, -0.1810, -13.2450 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(123, 140, 109) }
```


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

```
.border{ border-color:rgb(123, 140, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 140, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 140, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 140, 109);  
box-shadow:4px 4px 4px 4px rgb(123, 140,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 131.3830, -0.1810, -13.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 140, 109) }
```

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

```
.background{ background-color: rgb(123,  
140, 109) }
```

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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