

# Converting Colors

YIQ(137.0690, 31.0830, 14.8830)

Have a look what the booklet for  
YIQ(137.0690, 31.0830, 14.8830)  
contains.

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# Color

**YIQ(137.0690, 31.0830,  
14.8830)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B07780</a>
RGB	<a href="#">176, 119, 128</a>
RGB Percent	<a href="#">69%, 47%, 50%</a>
CMY	<a href="#">0.3097, 0.5334, 0.4979</a>
CMYK	<a href="#">0.00, 0.32, 0.27, 0.31</a>
HSL	<a href="#">350°, 27%, 58%</a>
HSV	<a href="#">350°, 32%, 69%</a>
XYZ	<a href="#">28.4049, 23.9816, 23.5641</a>
YIQ	<a href="#">137.0690, 31.0830, 14.8830</a>

# Conversions

## Conversions Part 2

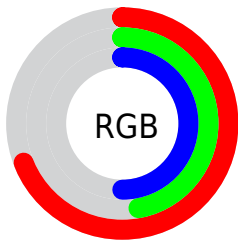
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 119, 128
Decimal	11564928
CIELab	56.07, 23.64, 4.18
CIELCh	56, 24.012, 10.026
Yxy	23.9816, 0.3740, 0.3158
Android (android.graphics.Color)	4289755008 (0xFFB07780)
YUV	137.0690, -4.4710, 34.1425
Hunter-Lab	48.9710, 17.8370, 5.7502

# Details

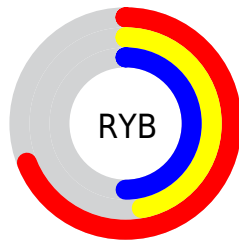
The YIQ color **137.0690, 31.0830, 14.8830** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **157.9310, -31.0830, -14.8830**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2650, 33.4670, 15.7310**, and **86.5740, 28.1030, 13.8230** is the 20% darker color. If you saturate the color by 10%, you get **124.7930, 40.8480, 19.6320**, and if you desaturate by 10%, it is **149.3450, 21.3180, 10.1340**.

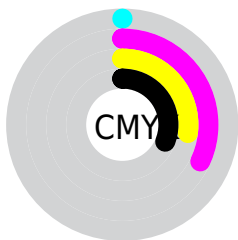
# Distribution



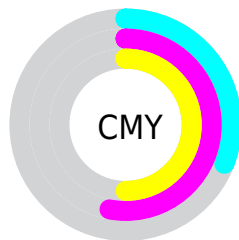
- Red (69%)
- Green (47%)
- Blue (50%)



- Red (69%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (31%)




- Cyan (31%)
- Magenta (53%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 137.0690, 31.0830, 14.8830 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 137.0690, 31.0830, 14.8830 by changing the saturation by 10% instead.





 137.0690, 31.0830,  
14.8830

 137.0690, 31.0830,  
14.8830


255.0000, -0.0000,  
-0.0000


 111.4710, 29.8910,  
14.4590


 191.2650, 33.4670,  
15.7310


 86.5740, 28.1030,  
13.8230


 216.7700, 30.4870,  
14.6710

 62.0900, 26.5900,  
13.7100

 236.5120, 13.4780,  
9.0460

 39.3070, 24.4810,  
13.3850

 16.1220, 23.5640,  
13.4840

 4.7840, 9.5360,  
3.3920

 0.0000, 0.0000,

0.0000

■ 137.0690, 31.0830,  
14.8830

■ 137.0690, 31.0830,  
14.8830

■ 124.7930, 40.8480,  
19.6320

■ 149.3450, 21.3180,  
10.1340

■ 113.1040, 50.3380,  
23.8580

■ 161.0340, 11.8280,  
5.9080

■ 100.9420, 59.7820,  
28.9180

■ 173.1960, 2.3840,  
0.8480

■ 89.2530, 69.2720,  
33.1440

■ 184.8850, -7.1060,  
-3.3780

■ 76.9770, 79.0370,  
37.8930

■ 197.1610,  
-16.8710, -8.1270

■ 64.7010, 88.8020,  
42.6420

■ 209.4370,  
-26.6360, -12.8760

■ 55.8160, 95.9080,  
46.0200

■ 221.1260,  
-36.1260, -17.1020

■ 230.4670,  
-44.5160, -19.2360

■ 231.3790,  
-47.0840, -16.7480

# Harmonies

## Analogous

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



137.9460, 18.4280, 18.4600



137.0690, 31.0830, 14.8830



136.0660, 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.



137.0690, 31.0830, 14.8830



129.9760, -0.5930, -16.7930



128.2140, -41.5850, -0.7610

# Complementary

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



137.0690, 31.0830, 14.8830



157.9310, -31.0830, -14.8830

# 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.



124.2850, -49.5150, -11.2350



137.0690, 31.0830, 14.8830



127.0860, -21.4540, -18.6860

# Square

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



137.0690, 31.0830, 14.8830



132.3050, 17.6540, -11.5780



124.2010, -40.7110, -16.6070



133.8900, -22.6970, 9.3590



# Rectangle

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



137.0690, 31.0830, 14.8830



134.8820, 32.5070, 0.0830



124.2010, -40.7110, -16.6070



126.6540, -45.9400, -4.4360

# Sweetspot

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



137.0690, 31.0830, 14.8830



214.2190, 12.7450, 5.8090



139.8500, 10.3110, 27.9030



105.4140, 7.7020, 3.5900



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000



# Same Dimension

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



137.0690, 31.0830, 14.8830



168.5060, 49.1460, 23.4340



147.1960, 28.7470, 2.1470



82.9190, 4.7220, 2.5300



48.4830, 83.4840, 39.9000



8.2300, 14.2120, 6.7560



# Inverse Universe

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



137.0690, 31.0830, 14.8830



168.5060, 49.1460, 23.4340



147.8040, -28.7470, -2.1470



82.9190, 4.7220, 2.5300



48.4830, 83.4840, 39.9000



8.2300, 14.2120, 6.7560



# Previews

## White Background



This preview shows how the YIQ color 137.0690, 31.0830, 14.8830 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

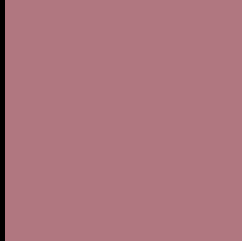
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 137.0690, 31.0830, 14.8830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

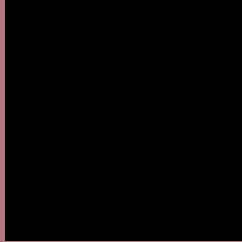
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 137.0690, 31.0830, 14.8830

## Background



This preview shows how black text looks on a background with the YIQ color 137.0690, 31.0830, 14.8830.



This preview shows how white text looks on a background with the YIQ color 137.0690, 31.0830,



# 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

137.0690, 31.0830, 14.8830

### Protanopia

135.2390, 0.8250, 1.5690

### Deuteranopia

135.8230, 13.8000, 3.2080



## Tritanopia

137.0690, 31.0830, 14.8830

# Trichromacy



## Original Color

137.0690, 31.0830, 14.8830

## Protanomaly

136.1480, 11.5070, 6.2190

## Deuteranomaly

136.2800, 19.9430, 7.5190

## Tritanomaly

137.0690, 31.0830, 14.8830

# Monochromacy



## Original Color

137.0690, 31.0830, 14.8830

## Achromatopsia

137.0000, -0.0000, 0.0000

## Achromatomaly

136.7350, 11.2320, 5.6960

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 137.0690, 31.0830, 14.8830 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(176, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(176, 119, 128)  
}
```

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(176, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 119, 128) }
```

## Border

The CSS property to change the border of an element to YIQ 137.0690, 31.0830, 14.8830 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(176, 119, 128) }
```



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

```
.border{ border-color:rgb(176, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(176, 119,  
128) }
```

# Background

The CSS property to change the background color of an element to YIQ 137.0690, 31.0830, 14.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 119, 128) }
```

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

```
.background{ background-color: rgb(176,  
119, 128) }
```

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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