

Converting Colors

YIQ(163.6780, 15.4060, -3.8740)

Have a look what the booklet for
YIQ(163.6780, 15.4060, -3.8740)
contains.

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Color

**YIQ(163.6780, 15.4060,
-3.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A28C
RGB	176, 162, 140
RGB Percent	69%, 64%, 55%
CMY	0.3098, 0.3647, 0.4509
CMYK	0.00, 0.08, 0.20, 0.31
HSL	37°, 19%, 62%
HSV	37°, 20%, 69%
XYZ	35.5600, 36.9633, 30.0791
YIQ	163.6780, 15.4060, -3.8740

Conversions

Conversions Part 2

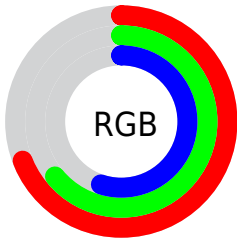
Format	Color
RYB	163, 176, 140
Decimal	11575948
CIELab	67.25, 1.45, 13.28
CIELCh	67, 13.356, 83.769
Yxy	36.9633, 0.3466, 0.3603
Android (android.graphics.Color)	4289766028 (0xFFB0A28C)
YUV	163.6780, -11.6733, 10.8064
Hunter-Lab	60.7974, -1.9921, 13.2249

Details

The YIQ color **163.6780, 15.4060, -3.8740** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152.3220, -15.4060, 3.8740**, and the grayscale version is **164.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **218.8630, 16.3230, -3.9730**, and **111.6070, 14.1680, -3.4640** is the 20% darker color. If you saturate the color by 10%, you get **157.5170, 23.1090, -5.8110**, and if you desaturate by 10%, it is **169.8390, 7.7030, -1.9370**.

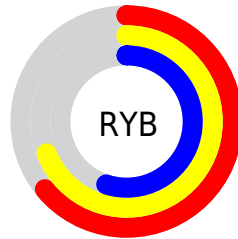
Distribution



Red (69%)

Green (64%)

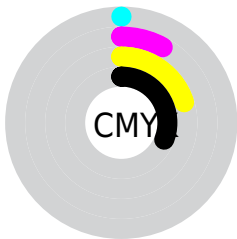
Blue (55%)



Red (64%)

Yellow (69%)

Blue (55%)

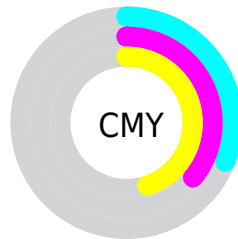


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.6780, 15.4060, -3.8740 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 163.6780, 15.4060, -3.8740 by changing the saturation by 10% instead.

■ 163.6780, 15.4060,
-3.8740

■ 163.6780, 15.4060,
-3.8740

■ 255.0000, -0.0000,
-0.0000

■ 137.3790, 14.8100,
-4.0860

■ 218.8630, 16.3230,
-3.9730

■ 111.6070, 14.1680,
-3.4640

■ 245.3680, 13.3430,
-5.0330

■ 87.3080, 13.5720,
-3.6760

■ 254.4300, 1.6050,
-1.5550

■ 64.1230, 12.6550,
-3.5770

■ 41.9380, 11.7380,
-3.4780

■ 21.5960, 12.7010,
-4.4110

■ 0.0000, 0.0000,

0.0000

■ 163.6780, 15.4060,
-3.8740

■ 163.6780, 15.4060,
-3.8740

■ 157.5170, 23.1090,
-5.8110

■ 169.8390, 7.7030,
-1.9370

■ 151.4700, 30.4910,
-7.4370

■ 175.8860, 0.3210,
-0.3110

■ 145.3090, 38.1940,
-9.3740

■ 182.0470, -7.3820,
1.6260

■ 139.8490, 45.3010,
-11.5230

■ 187.5070,
-14.4890, 3.7750

■ 133.6880, 53.0040,
-13.4600

■ 193.6680,
-22.1920, 5.7120

■ 127.5270, 60.7070,
-15.3970

■ 199.8290,
-29.8950, 7.6490

■ 121.4800, 68.0890,
-17.0230

■ 204.9640,
-34.7090, 6.7870

■ 115.4330, 75.4710,
-18.6490

■ 209.0730,
-36.6340, 3.1260

■ 213.1820,
-38.5590, -0.5350

Harmonies

Analogous

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



164.8900, 20.8610, 1.8930



163.6780, 15.4060, -3.8740



162.3670, 5.9160, -8.1000

Triad

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



163.6780, 15.4060, -3.8740



159.8660, -23.2900, -7.4340



165.9610, 4.9040, 10.2480

Complementary

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



163.6780, 15.4060, -3.8740



152.3220, -15.4060, 3.8740

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.



164.4480, -6.8330, 8.1990



163.6780, 15.4060, -3.8740



160.7290, -24.1620, -2.6420

Square

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



163.6780, 15.4060, -3.8740



159.9930, -16.4580, -10.1060



163.0120, -17.4690, 2.7150



166.5230, 14.9450, 9.9930

Rectangle

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



163.6780, 15.4060, -3.8740



161.3060, -1.2820, -9.8100



163.0120, -17.4690, 2.7150



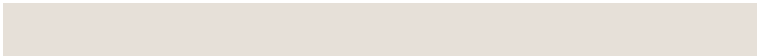
165.6940, 1.2820, 9.8100

Sweetspot

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



163.6780, 15.4060, -3.8740



224.8820, 6.1440, -1.2160



152.3600, 16.9620, 11.9860



112.3270, 3.3930, -0.9190



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.



163.6780, 15.4060, -3.8740



209.8870, 24.9430, -6.0090



170.7000, 9.1720, -12.0440



86.2130, 3.7140, -1.2300



100.3380, 65.6130, -16.2030



17.1660, 11.0960, -2.8560

Inverse Universe

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



152.3220, -15.4060, 3.8740



191.5260, -24.6680, 6.5320



145.3000, -9.1720, 12.0440



83.3740, -3.9890, 0.7070



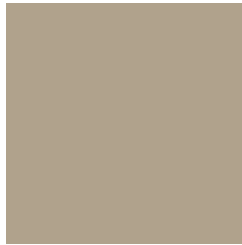
52.6620, -65.6130, 16.2030



8.8340, -11.0960, 2.8560

Previews

White Background



This preview shows how the YIQ color 163.6780, 15.4060, -3.8740 looks on a white background.

Color Contrast Check

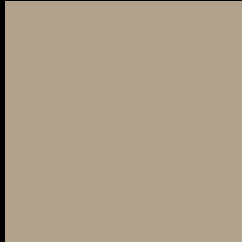
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 163.6780, 15.4060, -3.8740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

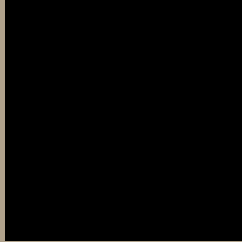
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 163.6780, 15.4060, -3.8740

Background



This preview shows how black text looks on a background with the YIQ color 163.6780, 15.4060, -3.8740.



This preview shows how white text looks on a background with the YIQ color 163.6780, 15.4060,

-3.8740.

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

163.6780, 15.4060, -3.8740

Protanopia

163.1830, 12.4260, -4.9340

Deuteranopia

165.0320, 23.3370, 1.0730



Tritanopia

165.9460, 9.2600, 8.3960

Trichromacy



Original Color

163.6780, 15.4060, -3.8740

Protanomaly

163.4820, 13.0220, -4.7220

Deuteranomaly

164.4230, 20.6780, -0.2980

Tritanomaly

164.9800, 11.9200, 4.2400

Monochromacy



Original Color

163.6780, 15.4060, -3.8740

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.5830, 5.5480, -1.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.6780, 15.4060, -3.8740 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, 162, 140)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 140)  
}
```

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, 162, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 140) }
```

Border

The CSS property to change the border of an element to YIQ 163.6780, 15.4060, -3.8740 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, 162, 140) }
```


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

```
.border{ border-color:rgb(176, 162, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 140);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 163.6780, 15.4060, -3.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 140) }
```

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

```
.background{ background-color: rgb(176,  
162, 140) }
```

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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