

# Converting Colors

YIQ(167.5640, 15.7270, -4.1850)

Have a look what the booklet for  
YIQ(167.5640, 15.7270, -4.1850)  
contains.

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# Color

**YIQ(167.5640, 15.7270,  
-4.1850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4A68F
RGB	180, 166, 143
RGB Percent	71%, 65%, 56%
CMY	0.2941, 0.3490, 0.4391
CMYK	0.00, 0.08, 0.21, 0.29
HSL	37°, 20%, 63%
HSV	37°, 21%, 71%
XYZ	37.4181, 38.9579, 31.5422
YIQ	167.5640, 15.7270, -4.1850

# Conversions

## Conversions Part 2

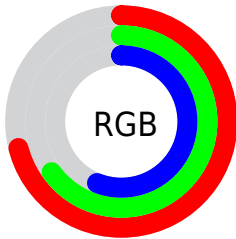
Format	Color
R <sub>Y</sub> B	166, 180, 143
Decimal	11839119
CIE Lab	68.72, 1.28, 13.74
CIE LCh	69, 13.795, 84.689
Yxy	38.9579, 0.3467, 0.3610
Android (android.graphics.Color)	4290029199 (0xFFB4A68F)
YUV	167.5640, -12.1101, 10.9064
Hunter-Lab	62.4163, -2.2190, 13.7291

# Details

The YIQ color **167.5640, 15.7270, -4.1850** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155.4360, -15.7270, 4.1850**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.7490, 16.6440, -4.2840**, and **115.4930, 14.4890, -3.7750** is the 20% darker color. If you saturate the color by 10%, you get **161.4030, 23.4300, -6.1220**, and if you desaturate by 10%, it is **173.7250, 8.0240, -2.2480**.

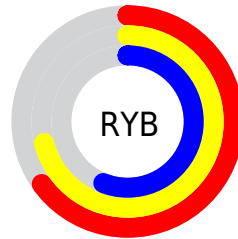
# Distribution



Red (71%)

Green (65%)

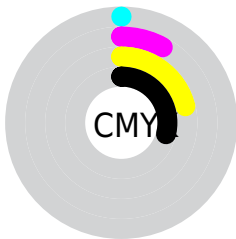
Blue (56%)



Red (65%)

Yellow (71%)

Blue (56%)

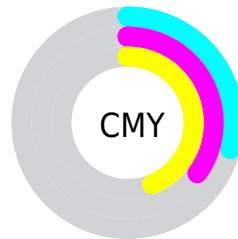


Cyan (0%)

Magenta (8%)

Yellow (21%)

Black (29%)



Cyan (29%)

Magenta (35%)


Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 167.5640, 15.7270, -4.1850 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 167.5640, 15.7270, -4.1850 by changing the saturation by 10% instead.





 167.5640, 15.7270,  
-4.1850


 167.5640, 15.7270,  
-4.1850


255.0000, -0.0000,  
-0.0000

 141.2650, 15.1310,  
-4.3970


 222.7490, 16.6440,  
-4.2840


 115.4930, 14.4890,  
-3.7750


 248.6450, 11.0050,  
-6.7150

 91.1940, 13.8930,  
-3.9870

254.7720, 0.6420,  
-0.6220

 67.1230, 12.6550,  
-3.5770

 44.9380, 11.7380,  
-3.4780

 23.9550, 13.0680,  
-5.5560

 0.0000, 0.0000,

0.0000

■ 167.5640, 15.7270,  
-4.1850

■ 167.5640, 15.7270,  
-4.1850

■ 161.4030, 23.4300,  
-6.1220

■ 173.7250, 8.0240,  
-2.2480

■ 155.2420, 31.1330,  
-8.0590

■ 179.8860, 0.3210,  
-0.3110

■ 149.6680, 38.5610,  
-10.5190

■ 185.4600, -7.1070,  
2.1490

■ 143.5070, 46.2640,  
-12.4560

■ 191.6210,  
-14.8100, 4.0860

■ 137.3460, 53.9670,  
-14.3930

■ 197.7820,  
-22.5130, 6.0230

■ 131.1850, 61.6700,  
-16.3300

■ 203.9430,  
-30.2160, 7.9600

■ 125.0240, 69.3730,  
-18.2670

■ 208.5080,  
-33.4250, 5.5430

■ 119.5640, 76.4800,  
-20.4160

■ 212.6170,  
-35.3500, 1.8820

■ 216.1390,  
-37.0000, -1.2560

# Harmonies

## Analogous

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



168.7760, 21.1820, 1.5820



167.5640, 15.7270, -4.1850



165.9540, 5.6410, -8.6230

# Triad

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



167.5640, 15.7270, -4.1850



163.3820, -24.8030, -7.5470



169.6730, 5.7750, 10.9830

# Complementary

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



167.5640, 15.7270, -4.1850



155.4360, -15.7270, 4.1850

# 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.



168.4480, -6.8330, 8.1990



167.5640, 15.7270, -4.1850



164.5440, -25.0790, -2.5430

# Square

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



167.5640, 15.7270, -4.1850



163.6940, -17.0540, -10.3180



166.2400, -18.1110, 3.3370



170.1210, 16.1370, 10.4170



# Rectangle

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



167.5640, 15.7270, -4.1850



165.0070, -1.8780, -10.0220



166.2400, -18.1110, 3.3370



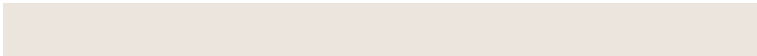
169.6940, 1.2820, 9.8100

# Sweetspot

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



167.5640, 15.7270, -4.1850



229.8820, 6.1440, -1.2160



155.6590, 17.5580, 12.1980



114.3270, 3.3930, -0.9190



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

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



167.5640, 15.7270, -4.1850



214.7730, 25.2640, -6.3200



174.5860, 9.4930, -12.3550



86.2130, 3.7140, -1.2300



101.5120, 65.0630, -17.2490



17.1660, 11.0960, -2.8560



# Inverse Universe

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



155.4360, -15.7270, 4.1850



195.6400, -24.9890, 6.8430



148.4140, -9.4930, 12.3550



83.3740, -3.9890, 0.7070



51.4880, -65.0630, 17.2490



8.8340, -11.0960, 2.8560



# Previews

## White Background



This preview shows how the YIQ color 167.5640, 15.7270, -4.1850 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 167.5640, 15.7270, -4.1850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

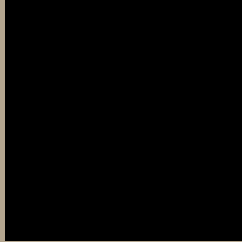
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 167.5640, 15.7270, -4.1850

## Background



This preview shows how black text looks on a background with the YIQ color 167.5640, 15.7270, -4.1850.



This preview shows how white text looks on a background with the YIQ color 167.5640, 15.7270,

-4.1850.

# 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

167.5640, 15.7270, -4.1850

### Protanopia

167.0690, 12.7470, -5.2450

### Deuteranopia

168.3310, 23.9330, 1.2850



## Tritanopia

169.9460, 9.2600, 8.3960

# Trichromacy



## Original Color

167.5640, 15.7270, -4.1850

## Protanomaly

167.3680, 13.3430, -5.0330

## Deuteranomaly

168.3090, 20.9990, -0.6090

## Tritanomaly

168.9800, 11.9200, 4.2400

# Monochromacy



## Original Color

167.5640, 15.7270, -4.1850

## Achromatopsia

168.0000, -0.0000, -0.0000

## Achromatomaly

167.5830, 5.5480, -1.4280

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 167.5640, 15.7270, -4.1850 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(180, 166, 143)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 143)  
}
```

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(180, 166, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 143) }
```

## Border

The CSS property to change the border of an element to YIQ 167.5640, 15.7270, -4.1850 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(180, 166, 143) }
```



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

```
.border{ border-color:rgb(180, 166, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 143);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
143) }
```

# Background

The CSS property to change the background color of an element to YIQ 167.5640, 15.7270, -4.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 143) }
```

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

```
.background{ background-color: rgb(180,  
166, 143) }
```

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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