

# Converting Colors

YIQ(185.3740, 48.7370, 3.3050)

Have a look what the booklet for  
YIQ(185.3740, 48.7370, 3.3050)  
contains.

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# Color

**YIQ(185.3740, 48.7370,  
3.3050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAAA89
RGB	234, 170, 137
RGB Percent	92%, 67%, 54%
CMY	0.0822, 0.3334, 0.4625
CMYK	0.00, 0.27, 0.41, 0.08
HSL	20°, 70%, 73%
HSV	20°, 41%, 92%
XYZ	52.8317, 48.0452, 30.1770
YIQ	185.3740, 48.7370, 3.3050

# Conversions

## Conversions Part 2

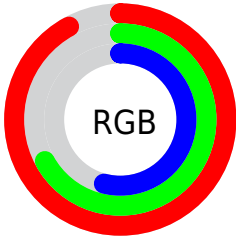
Format	Color
R <sub>Y</sub> B	234, 187, 137
Decimal	15379081
CIE Lab	74.85, 19.50, 26.25
CIE LCh	75, 32.696, 53.392
Yxy	48.0452, 0.4031, 0.3666
Android (android.graphics.Color)	4293569161 (0xFFEAAA89)
YUV	185.3740, -23.8484, 42.6450
Hunter-Lab	69.3146, 14.7524, 22.7076

# Details

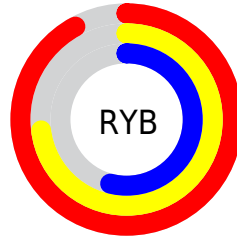
The YIQ color **185.3740, 48.7370, 3.3050** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **185.6260, -48.7370, -3.3050**, and the grayscale version is **186.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.0940, 28.7940, -4.2140**, and **131.8080, 44.5190, 2.6550** is the 20% darker color. If you saturate the color by 10%, you get **173.9470, 60.2450, 3.9970**, and if you desaturate by 10%, it is **196.8010, 37.2290, 2.6130**.

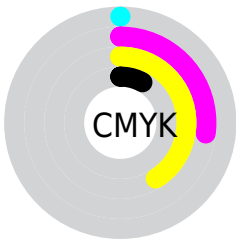
# Distribution



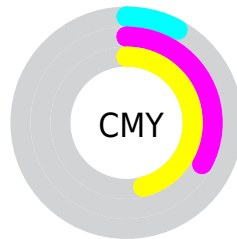
- Red (92%)
- Green (67%)
- Blue (54%)



- Red (92%)
- Yellow (73%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (8%)



- Cyan (8%)
- Magenta (33%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 185.3740, 48.7370, 3.3050 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 185.3740, 48.7370, 3.3050 by changing the saturation by 10% instead.





 185.3740, 48.7370,  
3.3050


 185.3740, 48.7370,  
3.3050


255.0000, -0.0000,  
-0.0000


 157.8900, 47.2240,  
3.1920


 230.0940, 28.7940,  
-4.2140


 131.8080, 44.5190,  
2.6550


 250.3090, 11.8310,  
-10.6730

 106.0250, 42.4100,  
2.3300

 254.0880, 2.5680,  
-2.4880

 81.3560, 39.9800,  
2.3160

 57.2740, 37.2750,  
1.7790

 34.4200, 33.9280,  
1.8640

 13.4440, 25.3530,

8.5930

■ 0.0000, 0.0000,  
0.0000

■ 185.3740, 48.7370,  
3.3050

■ 185.3740, 48.7370,  
3.3050

■ 173.9470, 60.2450,  
3.9970

■ 196.8010, 37.2290,  
2.6130

■ 161.8190, 72.3490,  
4.9010

■ 208.9290, 25.1250,  
1.7090

■ 150.3920, 83.8570,  
5.5930

■ 220.3560, 13.6170,  
1.0170

■ 138.2640, 95.9610,  
6.4970

■ 232.4840, 1.5130,  
0.1130

■ 126.8370,  
107.4690, 7.1890

■ 243.9110, -9.9950,  
-0.5790

■ 116.3390,  
117.7390, 8.2910

■ 248.7210,  
-12.5160, -4.4520

# Harmonies

## Analogous

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



187.1050, 48.5970, 16.8610



185.3740, 48.7370, 3.3050



182.9990, 36.1310, -10.5330

# Triad

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



185.3740, 48.7370, 3.3050



170.6530, -45.3400, -26.3320



185.8400, -19.2600, 18.6600

# Complementary

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



185.3740, 48.7370, 3.3050



185.6260, -48.7370, -3.3050

# 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.



178.7110, -50.1140, 5.1340



185.3740, 48.7370, 3.3050



167.0110, -69.5950, -21.7790

# Square

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



185.3740, 48.7370, 3.3050



176.0510, -14.3460, -26.3620



170.7910, -71.4310, -10.5270



188.8670, 11.6410, 25.8250



# Rectangle

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



185.3740, 48.7370, 3.3050



181.4270, 22.8820, -18.2220



170.7910, -71.4310, -10.5270



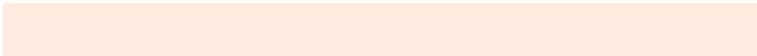
183.7570, -29.3920, 15.0560

# Sweetspot

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



185.3740, 48.7370, 3.3050



239.7260, 15.4510, 0.8190



173.4130, 36.9470, 40.7790



118.9040, 9.0780, 0.6780



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



185.3740, 48.7370, 3.3050



191.2140, 63.8670, 4.4350



213.5500, 35.5370, -21.7990



111.6370, 5.4560, 0.2400



89.9260, 91.1010, 6.4690



26.7120, 27.2340, 2.0340



# Inverse Universe

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



185.6260, -48.7370, -3.3050



191.7860, -63.8670, -4.4350



157.4500, -35.5370, 21.7990



111.3630, -5.4560, -0.2400



91.0740, -91.1010, -6.4690



26.7010, -26.9590, -1.5110



# Previews

## White Background



This preview shows how the YIQ color 185.3740, 48.7370, 3.3050 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 185.3740, 48.7370, 3.3050 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 185.3740, 48.7370, 3.3050

## Background



This preview shows how black text looks on a background with the YIQ color 185.3740, 48.7370, 3.3050.



This preview shows how white text looks on a background with the YIQ color 185.3740, 48.7370,



# 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

185.3740, 48.7370, 3.3050

### Protanopia

183.2130, 20.9090, -9.9950

### Deuteranopia

184.5850, 37.5970, -4.0590



## Tritanopia

187.6080, 39.9310, 19.7310

# Trichromacy



**Original Color**

185.3740, 48.7370, 3.3050

**Protanomaly**

183.9370, 30.6740, -5.2460

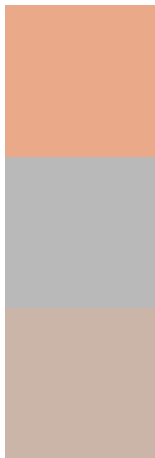
**Deuteranomaly**

184.6180, 41.9980, -1.2180

**Tritanomaly**

186.7730, 43.6000, 13.8080

# Monochromacy



**Original Color**

185.3740, 48.7370, 3.3050

**Achromatopsia**

185.0000, -0.0000, -0.0000

**Achromatomaly**

185.5090, 17.5600, 1.1440

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 185.3740, 48.7370, 3.3050 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(234, 170, 137)` looks like.

```
.text, #text, p{  
    color:rgb(234, 170, 137)  
}
```

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(234, 170, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 170, 137) }
```

## Border

The CSS property to change the border of an element to YIQ 185.3740, 48.7370, 3.3050 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(234, 170, 137) }
```



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

```
.border{ border-color:rgb(234, 170, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 170, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 170, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 170, 137);  
box-shadow:4px 4px 4px 4px rgb(234, 170,  
137) }
```

# Background

The CSS property to change the background color of an element to YIQ 185.3740, 48.7370, 3.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 170, 137) }
```

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

```
.background{ background-color: rgb(234,  
170, 137) }
```

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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