

# Converting Colors

YIQ(184.4760, 39.5220, -0.3980)

Have a look what the booklet for  
YIQ(184.4760, 39.5220, -0.3980)  
contains.

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# Color

**YIQ(184.4760, 39.5220,  
-0.3980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEAE8C
RGB	222, 174, 140
RGB Percent	87%, 68%, 55%
CMY	0.1293, 0.3177, 0.4508
CMYK	0.00, 0.22, 0.37, 0.13
HSL	25°, 55%, 71%
HSV	25°, 37%, 87%
XYZ	50.0007, 47.6924, 31.3992
YIQ	184.4760, 39.5220, -0.3980

# Conversions

## Conversions Part 2

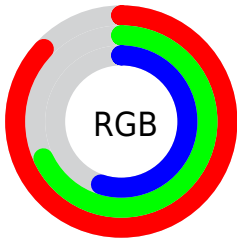
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 198, 140
Decimal	14593676
CIE Lab	74.63, 12.98, 24.12
CIE LCh	75, 27.395, 61.718
Yxy	47.6924, 0.3873, 0.3694
Android (android.graphics.Color)	4292783756 (0xFFDEAE8C)
YUV	184.4760, -21.9267, 32.9085
Hunter-Lab	69.0597, 8.3832, 21.3845

# Details

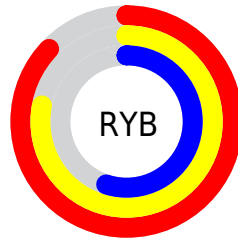
The YIQ color  $184.4760, 39.5220, -0.3980$  is a light color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $177.5240, -39.5220, 0.3980$ , and the grayscale version is  $185.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $233.3710, 26.4560, -5.8960$ , and  $131.2090, 35.9000, -0.8360$  is the 20% darker color. If you saturate the color by 10%, you get  $174.3370, 50.1590, -0.4410$ , and if you desaturate by 10%, it is  $194.6150, 28.8850, -0.3550$ .

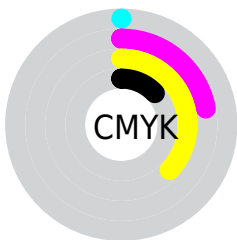
# Distribution



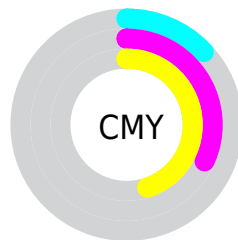
- Red (87%)
- Green (68%)
- Blue (55%)



- Red (87%)
- Yellow (78%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 184.4760, 39.5220, -0.3980 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 184.4760, 39.5220, -0.3980 by changing the saturation by 10% instead.



184.4760, 39.5220,  
-0.3980

184.4760, 39.5220,  
-0.3980

255.0000, -0.0000,  
-0.0000

156.9920, 38.0090,  
-0.5110

233.3710, 26.4560,  
-5.8960

131.2090, 35.9000,  
-0.8360

251.2380, 10.5930,  
-10.2630

105.7250, 34.3870,  
-0.9490

254.4300, 1.6050,  
-1.5550

80.9420, 32.2780,  
-1.2740

57.2730, 29.8480,  
-1.2880

35.2620, 28.3810,  
-2.2350

14.5850, 20.4020,

4.7060

0.0000, 0.0000,  
0.0000

184.4760, 39.5220,  
-0.3980

184.4760, 39.5220,  
-0.3980

174.3370, 50.1590,  
-0.4410

194.6150, 28.8850,  
-0.3550

164.1980, 60.7960,  
-0.4840

204.7540, 18.2480,  
-0.3120

153.9450, 71.7540,  
-0.8380

215.0070, 7.2900,  
0.0420

143.8060, 82.3910,  
-0.8810

225.1460, -3.3470,  
0.0850

133.6670, 93.0280,  
-0.9240

235.2850,  
-13.9840, 0.1280

■ 123.5280,  
103.6650, -0.9670

■ 243.3720,  
-18.8430, -5.4270

■ 120.3820,  
107.0120, -1.0520

■ 245.1330,  
-19.6680, -6.9960

# Harmonies

## Analogous

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



186.0070, 42.8210, 11.4050



184.4760, 39.5220, -0.3980



182.0950, 27.0530, -11.2110

# Triad

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



184.4760, 39.5220, -0.3980



172.7830, -42.5900, -21.1020



186.1740, -8.5770, 17.7830

# Complementary

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



184.4760, 39.5220, -0.3980



177.5240, -39.5220, 0.3980

# 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.



181.3170, -34.2050, 8.6670



184.4760, 39.5220, -0.3980



171.7570, -56.8960, -15.1360

# Square

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



184.4760, 39.5220, -0.3980



175.6470, -18.8400, -22.0080



175.6470, -53.2300, -4.4780



187.7980, 16.0890, 22.3050



# Rectangle

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



184.4760, 39.5220, -0.3980



180.5770, 13.7120, -17.2320



175.6470, -53.2300, -4.4780



185.1020, -17.2420, 15.1260

# Sweetspot

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



184.4760, 39.5220, -0.3980



242.4160, 13.3880, -0.3400



170.1040, 33.1430, 32.6230



120.1920, 8.2070, -0.0570



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.



184.4760, 39.5220, -0.3980



203.4900, 54.1020, -0.3140



207.9560, 28.5220, -21.3180



107.2240, 5.1810, -0.2830



95.4750, 84.8210, -0.8670



26.0920, 23.1080, -0.2840

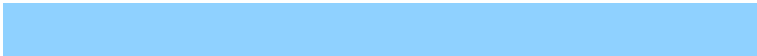


# Inverse Universe

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



177.5240, -39.5220, 0.3980



194.5100, -54.1020, 0.3140



154.0440, -28.5220, 21.3180



106.3630, -5.4560, -0.2400



80.5250, -84.8210, 0.8670



21.9080, -23.1080, 0.2840



# Previews

## White Background



This preview shows how the YIQ color 184.4760, 39.5220, -0.3980 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 184.4760, 39.5220, -0.3980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

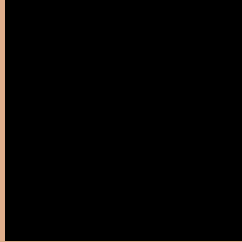
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 184.4760, 39.5220, -0.3980**

## **Background**



This preview shows how black text looks on a background with the YIQ color 184.4760, 39.5220, -0.3980.



This preview shows how white text looks on a background with the YIQ color 184.4760, 39.5220, -0.3980.

-0.3980.

# 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

184.4760, 39.5220, -0.3980

### Protanopia

183.0280, 19.9920, -9.8960

### Deuteranopia

183.8560, 35.3960, -2.7160



## Tritanopia

186.8240, 30.3950, 16.3390

# Trichromacy



## Original Color

184.4760, 39.5220, -0.3980

## Protanomaly

183.2570, 26.7770, -6.2070

## Deuteranomaly

183.8670, 36.8630, -1.7690

## Tritanomaly

185.9890, 34.0640, 10.4160

# Monochromacy



## Original Color

184.4760, 39.5220, -0.3980

## Achromatopsia

184.0000, 0.0000, -0.0000

## Achromatomaly

184.0140, 14.5800, 0.0840

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 184.4760, 39.5220, -0.3980 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(222, 174, 140)` looks like.

```
.text, #text, p{  
    color:rgb(222, 174, 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(222, 174, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 174, 140) }
```

## Border

The CSS property to change the border of an element to YIQ 184.4760, 39.5220, -0.3980 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(222, 174, 140) }
```



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

```
.border{ border-color:rgb(222, 174, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 174, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 174, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 174, 140);  
box-shadow:4px 4px 4px 4px rgb(222, 174,  
140) }
```

# Background

The CSS property to change the background color of an element to YIQ 184.4760, 39.5220, -0.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 174, 140) }
```

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

```
.background{ background-color: rgb(222,  
174, 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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