

# Converting Colors

YIQ(176.0390, 66.1580, 12.4780)

Have a look what the booklet for  
YIQ(176.0390, 66.1580, 12.4780)  
contains.

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# Color

**YIQ(176.0390, 66.1580,  
12.4780)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7967C
RGB	247, 150, 124
RGB Percent	97%, 59%, 49%
CMY	0.0312, 0.4119, 0.5134
CMYK	0.00, 0.39, 0.50, 0.03
HSL	13°, 89%, 73%
HSV	13°, 50%, 97%
XYZ	52.9196, 43.0408, 24.6112
YIQ	176.0390, 66.1580, 12.4780

# Conversions

## Conversions Part 2

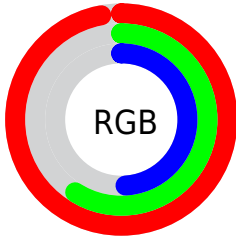
Format	Color
R <sub>Y</sub> B	247, 157, 124
Decimal	16225916
CIE Lab	71.58, 33.82, 29.17
CIE LCh	72, 44.668, 40.779
Yxy	43.0408, 0.4389, 0.3570
Android (android.graphics.Color)	4294415996 (0xFFFF7967C)
YUV	176.0390, -25.6552, 62.2328
Hunter-Lab	65.6055, 29.1743, 23.6818

# Details

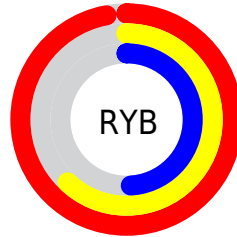
The YIQ color **176.0390, 66.1580, 12.4780** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **194.9610, -66.1580, -12.4780**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **216.7580, 38.7880, 1.8920**, and **121.9890, 60.4270, 11.7150** is the 20% darker color. If you saturate the color by 10%, you get **161.4490, 79.6830, 15.1630**, and if you desaturate by 10%, it is **190.0420, 52.9080, 10.3160**.

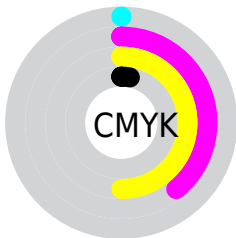
# Distribution



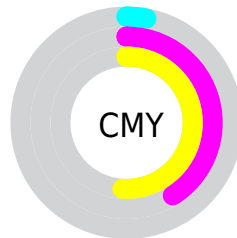
- Red (97%)
- Green (59%)
- Blue (49%)



- Red (97%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (39%)
- Yellow (50%)
- Black (3%)




- Cyan (3%)
- Magenta (41%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 176.0390, 66.1580, 12.4780 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 176.0390, 66.1580, 12.4780 by changing the saturation by 10% instead.





 176.0390, 66.1580,  
12.4780


 176.0390, 66.1580,  
12.4780


255.0000, -0.0000,  
-0.0000


 148.3700, 63.7280,  
12.4640


 216.7580, 38.7880,  
1.8920


 121.9890, 60.4270,  
11.7150


 236.8590, 22.1460,  
-4.8780

 96.0210, 57.4010,  
11.4890

 252.4920, 7.0620,  
-6.8420

 70.1670, 54.0540,  
11.5740

 44.4980, 51.6240,  
11.5600

 21.8270, 43.5080,  
15.4760

 14.4660, 28.2870,

10.4870

■ 0.0000, 0.0000,  
0.0000

■ 176.0390, 66.1580,  
12.4780

■ 176.0390, 66.1580,  
12.4780

■ 161.4490, 79.6830,  
15.1630

■ 190.0420, 52.9080,  
10.3160

■ 147.5600, 92.6120,  
17.6360

■ 204.5180, 39.7040,  
7.3200

■ 132.9700,  
106.1370, 20.3210

■ 218.5210, 26.4540,  
5.1580

■ 118.9670,  
119.3870, 22.4830

■ 233.1110, 12.9290,  
2.4730

■ 104.4910,  
132.5910, 25.4790

■ 247.1140, -0.3210,  
0.3110

■ 104.3770,  
132.9120, 25.1680

■ 252.6080, -4.7680,  
-1.6960

# Harmonies

## Analogous

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



177.4690, 59.7360, 29.7520



176.0390, 66.1580, 12.4780



174.1170, 56.3500, -8.0180

# Triad

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



176.0390, 66.1580, 12.4780



157.2360, -48.9600, -37.8240



172.1710, -48.0530, 17.3470

# Complementary

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



176.0390, 66.1580, 12.4780



194.9610, -66.1580, -12.4780

# 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.



151.9520, -105.4970, -9.8890



176.0390, 66.1580, 12.4780



137.1850, -114.8440, -44.2520

# Square

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



176.0390, 66.1580, 12.4780



165.5820, -3.0200, -33.3880



139.7560, -126.2170, -30.8650



179.5530, -1.7940, 32.5260



# Rectangle

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



176.0390, 66.1580, 12.4780



171.8390, 42.0930, -19.4670



139.7560, -126.2170, -30.8650



167.6310, -64.3280, 9.4320

# Sweetspot

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



176.0390, 66.1580, 12.4780



233.0580, 20.4480, 3.8720



171.9490, 41.8500, 56.5540



114.2250, 12.6080, 2.7840



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.



176.0390, 66.1580, 12.4780



166.5310, 82.3880, 15.7000



211.2590, 49.6580, -18.9020



115.3490, 6.3270, 0.9750



78.5070, 100.1310, 19.0350



24.6850, 31.8640, 6.2320



# Inverse Universe

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



194.9610, -66.1580, -12.4780



190.4690, -82.3880, -15.7000



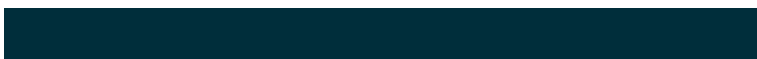
159.7410, -49.6580, 18.9020



117.2380, -6.6020, -1.4980



107.4930, -100.1310, -19.0350



33.7280, -31.5890, -5.7090



# Previews

## White Background



This preview shows how the YIQ color 176.0390, 66.1580, 12.4780 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 176.0390, 66.1580, 12.4780 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 176.0390, 66.1580, 12.4780

## Background



This preview shows how black text looks on a background with the YIQ color 176.0390, 66.1580, 12.4780.



This preview shows how white text looks on a background with the YIQ color 176.0390, 66.1580,

12.4780.

# 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

176.0390, 66.1580, 12.4780

### Protanopia

174.9140, 20.3130, -10.2070

### Deuteranopia

175.2000, 40.1190, -5.7130



## Tritanopia

177.6490, 59.0490, 25.6810

# Trichromacy



## Original Color

176.0390, 66.1580, 12.4780

## Protanomaly

175.4540, 36.5880, -2.2920

## Deuteranomaly

175.0920, 49.4710, 1.0150

## Tritanomaly

177.1560, 61.7550, 20.6910

# Monochromacy



## Original Color

176.0390, 66.1580, 12.4780

## Achromatopsia

176.0000, -0.0000, -0.0000

## Achromatomaly

176.3250, 24.0700, 4.3100

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 176.0390, 66.1580, 12.4780 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(247, 150, 124)` looks like.

```
.text, #text, p{  
    color:rgb(247, 150, 124)  
}
```

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(247, 150, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 150, 124) }
```

## Border

The CSS property to change the border of an element to YIQ 176.0390, 66.1580, 12.4780 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(247, 150, 124) }
```



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

```
.border{ border-color:rgb(247, 150, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 150, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 150, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 150, 124);  
box-shadow:4px 4px 4px 4px rgb(247, 150,  
124) }
```

# Background

The CSS property to change the background color of an element to YIQ 176.0390, 66.1580, 12.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 150, 124) }
```

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

```
.background{ background-color: rgb(247,  
150, 124) }
```

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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