

# Converting Colors

YIQ(184.7990, 40.7110, 16.6070)

Have a look what the booklet for  
YIQ(184.7990, 40.7110, 16.6070)  
contains.

<b>YIQ(184.7990, 40.7110, 16.6070)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(184.7990, 40.7110,  
16.6070)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAA3A8
RGB	234, 163, 168
RGB Percent	92%, 64%, 66%
CMY	0.0822, 0.3609, 0.3410
CMYK	0.00, 0.30, 0.28, 0.08
HSL	356°, 63%, 78%
HSV	356°, 30%, 92%
XYZ	54.1096, 46.5123, 43.1913
YIQ	184.7990, 40.7110, 16.6070

# Conversions

## Conversions Part 2

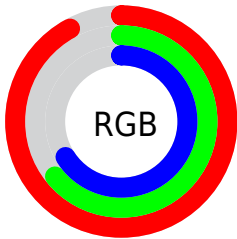
Format	Color
<a href="#">RYB</a>	<a href="#">234, 163, 168</a>
Decimal	<a href="#">15377320</a>
CIELab	<a href="#">73.88, 27.00, 8.01</a>
CIELCh	<a href="#">74, 28.159, 16.522</a>
Yxy	<a href="#">46.5123, 0.3762, 0.3234</a>
Android (android.graphics.Color)	<a href="#">4293567400</a> ( <a href="#">0xFFEAA3A8</a> )
YUV	<a href="#">184.7990, -8.2819, 43.1493</a>
Hunter-Lab	<a href="#">68.1999, 22.2715, 10.1913</a>

# Details

The YIQ color **184.7990, 40.7110, 16.6070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **212.2010, -40.7110, -16.6070**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.6330, 20.4470, 9.3990**, and **131.3040, 37.7310, 15.5470** is the 20% darker color. If you saturate the color by 10%, you get **168.7900, 54.0980, 21.7940**, and if you desaturate by 10%, it is **200.8080, 27.3240, 11.4200**.

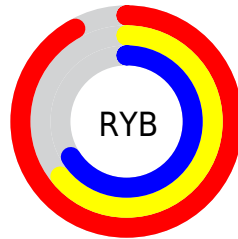
# Distribution



Red (92%)

Green (64%)

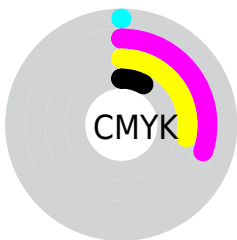
Blue (66%)



Red (92%)

Yellow (64%)

Blue (66%)

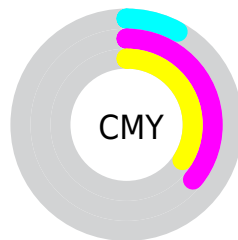


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (8%)



Cyan (8%)

Magenta (36%)


Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 184.7990, 40.7110, 16.6070 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 184.7990, 40.7110, 16.6070 by changing the saturation by 10% instead.





 184.7990, 40.7110,  
16.6070


 184.7990, 40.7110,  
16.6070


255.0000, -0.0000,  
-0.0000


 157.3150, 39.1980,  
16.4940


 229.6330, 20.4470,  
9.3990


 131.3040, 37.7310,  
15.5470

 249.9620, 3.1630,  
3.2510

 105.5210, 35.6220,  
15.2220

 80.0370, 34.1090,  
15.1090

 56.2540, 32.0000,  
14.7840

 32.5850, 29.5700,  
14.7700

 14.0530, 28.0120,

9.9640

■ 0.5980, 1.1920,  
0.4240

■ 0.0000, 0.0000,  
0.0000

■ 184.7990, 40.7110,  
16.6070

■ 184.7990, 40.7110,  
16.6070

■ 168.7900, 54.0980,  
21.7940

■ 200.8080, 27.3240,  
11.4200

■ 152.3080, 67.4390,  
27.8150

■ 217.4040, 13.6620,  
5.7100

■ 136.2990, 80.8260,  
33.0020

■ 233.2990, 0.5960,  
0.2120

■ 119.7030, 94.4880,  
38.7120

■ 248.7210,  
-12.5160, -4.4520

■ 103.6940,  
107.8750, 43.8990

■ 87.7990, 120.9410,  
49.3970

■ 71.9040, 134.0070,  
54.8950

# Harmonies

## Analogous

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



185.9580, 27.3220, 22.4740



184.7990, 40.7110, 16.6070



183.3180, 43.1430, 5.5670

# Triad

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



184.7990, 40.7110, 16.6070



175.2910, -6.0940, -21.7260



175.8700, -46.3080, 2.2360

# Complementary

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



184.7990, 40.7110, 16.6070



212.2010, -40.7110, -16.6070

# 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.



170.1360, -59.2810, -10.4570



184.7990, 40.7110, 16.6070



171.7040, -32.1820, -22.5020

# Square

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



184.7990, 40.7110, 16.6070



178.6700, 17.8840, -15.7480



168.9760, -53.3190, -19.3910



182.2370, -22.0560, 14.2640



# Rectangle

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



184.7990, 40.7110, 16.6070



182.1230, 39.0180, -2.2780



168.9760, -53.3190, -19.3910



174.0000, -52.7260, -2.5980

# Sweetspot

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



184.7990, 40.7110, 16.6070



239.1050, 13.0660, 5.4980



190.5290, 15.9490, 35.8610



117.5990, 8.6190, 3.4910



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.



184.7990, 40.7110, 16.6070



191.3060, 52.5850, 21.6810



201.8390, 34.0660, -0.6380



109.2890, 6.5560, 2.3320



55.6010, 103.7030, 42.4150



16.6020, 30.9000, 12.6920



# Inverse Universe

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



184.7990, 40.7110, 16.6070



191.3060, 52.5850, 21.6810



195.1610, -34.0660, 0.6380



109.2890, 6.5560, 2.3320



55.6010, 103.7030, 42.4150



16.6020, 30.9000, 12.6920



# Previews

## White Background



This preview shows how the YIQ color 184.7990, 40.7110, 16.6070 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 184.7990, 40.7110, 16.6070 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

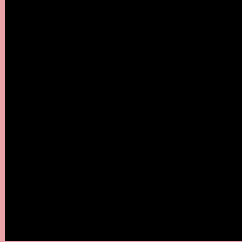
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 184.7990, 40.7110, 16.6070

## Background



This preview shows how black text looks on a background with the YIQ color 184.7990, 40.7110, 16.6070.



This preview shows how white text looks on a background with the YIQ color 184.7990, 40.7110,



# 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

184.7990, 40.7110, 16.6070

### Protanopia

182.1530, 3.9430, 0.1270

### Deuteranopia

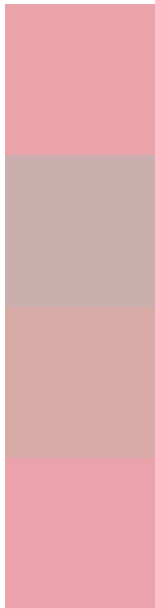
182.9440, 20.7690, 3.5610



## Tritanopia

185.1950, 39.6560, 19.2080

# Trichromacy



## Original Color

184.7990, 40.7110, 16.6070

## Protanomaly

182.6710, 17.2840, 6.1480

## Deuteranomaly

183.9990, 28.1040, 8.2960

## Tritanomaly

184.9670, 40.2980, 18.5860

# Monochromacy



## Original Color

184.7990, 40.7110, 16.6070

## Achromatopsia

185.0000, -0.0000, -0.0000

## Achromatomaly

185.0020, 14.8540, 6.1340

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 184.7990, 40.7110, 16.6070 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, 163, 168)` looks like.

```
.text, #text, p{  
    color:rgb(234, 163, 168)  
}
```

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, 163, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 163, 168) }
```

## Border

The CSS property to change the border of an element to YIQ 184.7990, 40.7110, 16.6070 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, 163, 168) }
```



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

```
.border{ border-color:rgb(234, 163, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 163, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 163, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 163, 168);  
box-shadow:4px 4px 4px 4px rgb(234, 163,  
168) }
```

# Background

The CSS property to change the background color of an element to YIQ 184.7990, 40.7110, 16.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 163, 168) }
```

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

```
.background{ background-color: rgb(234,  
163, 168) }
```

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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