

Converting Colors

YIQ(174.4840, 38.1850, 40.3690)

Have a look what the booklet for
YIQ(174.4840, 38.1850, 40.3690)
contains.

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Color

**YIQ(174.4840, 38.1850,
40.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8AC9
RGB	236, 138, 201
RGB Percent	93%, 54%, 79%
CMY	0.0742, 0.4590, 0.2117
CMYK	0.00, 0.42, 0.15, 0.07
HSL	321°, 72%, 73%
HSV	321°, 42%, 93%
XYZ	54.2434, 40.2282, 60.1804
YIQ	174.4840, 38.1850, 40.3690

Conversions

Conversions Part 2

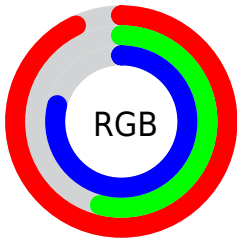
Format	Color
R _Y B	236, 138, 201
Decimal	15502025
CIE Lab	69.63, 45.63, -16.49
CIE LCh	70, 48.523, 340.131
Yxy	40.2282, 0.3507, 0.2601
Android (android.graphics.Color)	4293692105 (0xFFEC8AC9)
YUV	174.4840, 13.0724, 53.9495
Hunter-Lab	63.4257, 41.6631, -11.8583

Details

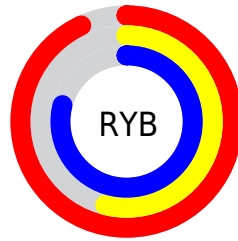
The YIQ color **174.4840, 38.1850, 40.3690** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **199.5160, -38.1850, -40.3690**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.6060, 17.0500, 32.4260**, and **119.8750, 35.5260, 38.9980** is the 20% darker color. If you saturate the color by 10%, you get **159.4840, 47.3530, 50.4330**, and if you desaturate by 10%, it is **189.4840, 29.0170, 30.3050**.

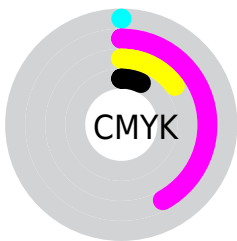
Distribution



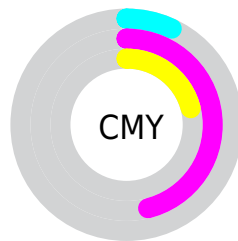
- Red (93%)
- Green (54%)
- Blue (79%)



- Red (93%)
- Yellow (54%)
- Blue (79%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (7%)



- Cyan (7%)
- Magenta (46%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.4840, 38.1850, 40.3690 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 174.4840, 38.1850, 40.3690 by changing the saturation by 10% instead.

174.4840, 38.1850,
40.3690

174.4840, 38.1850,
40.3690

255.0000, -0.0000,
-0.0000

146.8860, 36.9930,
39.9450

218.6060, 17.0500,
32.4260

119.8750, 35.5260,
38.9980

235.6290, 9.0750,
17.2590

93.2770, 34.3340,
38.5740

252.6520, 1.1000,
2.0920

66.5050, 33.6920,
39.1960

36.9120, 34.1040,
42.7440

26.6300, 25.6700,
30.3900

17.6580, 19.2990,

19.1950

■ 0.5980, 1.1920,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 174.4840, 38.1850,
40.3690

■ 174.4840, 38.1850,
40.3690

■ 159.4840, 47.3530,
50.4330

■ 189.4840, 29.0170,
30.3050

■ 144.9570, 56.5670,
59.6630

■ 204.0110, 19.8030,
21.0750

■ 129.9570, 65.7350,
69.7270

■ 219.0110, 10.6350,
11.0110

■ 115.4300, 74.9490,
78.9570

■ 233.5380, 1.4210,
1.7810

■ 100.4300, 84.1170,
89.0210

■ 247.9510, -7.4720,
-7.7600

■ 87.8920, 91.8640,
97.3040

■ 248.9770,
-10.3610, -4.9610

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



174.6500, -3.4450, 34.9150



174.4840, 38.1850, 40.3690



171.6160, 63.8160, 32.9040

Triad

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



174.4840, 38.1850, 40.3690



164.5020, 35.4920, -26.4920



137.2940, -124.7960, -29.0840

Complementary

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



174.4840, 38.1850, 40.3690



199.5160, -38.1850, -40.3690

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.



134.2670, -112.1390, -43.7150



174.4840, 38.1850, 40.3690



159.4740, -2.8360, -36.7240

Square

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



174.4840, 38.1850, 40.3690



168.1560, 60.6140, -8.2020



149.1920, -54.8280, -41.6120



136.1490, -131.2170, -17.3370

Rectangle

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



174.4840, 38.1850, 40.3690



170.6470, 70.5580, 20.8460



149.1920, -54.8280, -41.6120



136.9860, -121.1730, -34.1730

Sweetspot

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



174.4840, 38.1850, 40.3690



235.5490, 12.0560, 12.7920



159.3380, -11.1940, 37.6860



116.6360, 7.1970, 7.2370



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.



174.4840, 38.1850, 40.3690



175.2070, 49.6910, 52.1150



169.0120, 53.5930, 25.4410



110.0870, 4.3090, 4.5090



67.3430, 70.6400, 74.4480



20.0220, 21.2700, 22.0220

Inverse Universe

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



174.4840, 38.1850, 40.3690



175.2070, 49.6910, 52.1150



204.9880, -53.5930, -25.4410



110.0870, 4.3090, 4.5090



67.3430, 70.6400, 74.4480



20.0220, 21.2700, 22.0220

Previews

White Background



This preview shows how the YIQ color 174.4840, 38.1850, 40.3690 looks on a white background.

Color Contrast Check

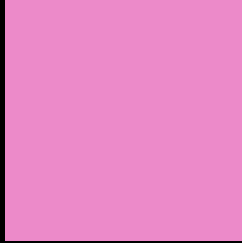
Large Text (above 18pt) WCAG AA × Fail

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 174.4840, 38.1850, 40.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

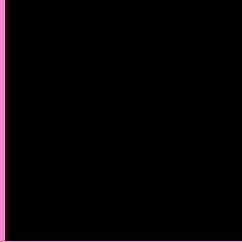
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.4840, 38.1850, 40.3690

Background



This preview shows how black text looks on a background with the YIQ color 174.4840, 38.1850, 40.3690.



This preview shows how white text looks on a background with the YIQ color 174.4840, 38.1850,

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

174.4840, 38.1850, 40.3690

Protanopia

171.1550, -24.7610, 13.7270

Deuteranopia

172.1110, -4.2660, 11.2380



Tritanopia

173.3700, 46.5330, 21.2290

Trichromacy



Original Color

174.4840, 38.1850, 40.3690



Protanomaly

172.4570, -1.8840, 23.1400



Deuteranomaly

173.0470, 10.9540, 21.7540



Tritanomaly

174.0310, 43.4140, 28.1980

Monochromacy



Original Color

174.4840, 38.1850, 40.3690



Achromatopsia

174.0000, -0.0000, -0.0000



Achromatomaly

174.3860, 14.0730, 14.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.4840, 38.1850, 40.3690 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(236, 138, 201)` looks like.

```
.text, #text, p{  
    color:rgb(236, 138, 201)  
}
```

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(236, 138, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 138, 201) }
```

Border

The CSS property to change the border of an element to YIQ 174.4840, 38.1850, 40.3690 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(236, 138, 201) }
```


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

```
.border{ border-color:rgb(236, 138, 201) }
```

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

Here you see how a box with a 4 pixel rgb(236, 138, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 138, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 138, 201);  
box-shadow:4px 4px 4px 4px rgb(236, 138,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 174.4840, 38.1850, 40.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 138, 201) }
```

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

```
.background{ background-color: rgb(236,  
138, 201) }
```

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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