

Converting Colors

YIQ(176.9030, 38.3230, 37.8670)

Have a look what the booklet for
YIQ(176.9030, 38.3230, 37.8670)
contains.

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Color

**YIQ(176.9030, 38.3230,
37.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8EC7
RGB	237, 142, 199
RGB Percent	93%, 56%, 78%
CMY	0.0703, 0.4433, 0.2195
CMYK	0.00, 0.40, 0.16, 0.07
HSL	324°, 73%, 74%
HSV	324°, 40%, 93%
XYZ	54.9264, 41.4750, 59.1601
YIQ	176.9030, 38.3230, 37.8670

Conversions

Conversions Part 2

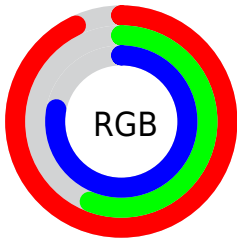
Format	Color
R _Y B	237, 142, 199
Decimal	15568583
CIE Lab	70.51, 43.59, -14.05
CIE LCh	71, 45.802, 342.137
Yxy	41.4750, 0.3531, 0.2666
Android (android.graphics.Color)	4293758663 (0xFFED8EC7)
YUV	176.9030, 10.8938, 52.7051
Hunter-Lab	64.4011, 39.5373, -9.3842

Details

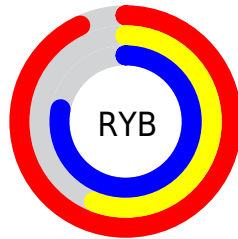
The YIQ color **176.9030, 38.3230, 37.8670** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **202.0970, -38.3230, -37.8670**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 15.9500, 30.3340**, and **122.2940, 35.6640, 36.4960** is the 20% darker color. If you saturate the color by 10%, you get **161.7890, 47.8120, 47.6200**, and if you desaturate by 10%, it is **192.1310, 28.5130, 28.4250**.

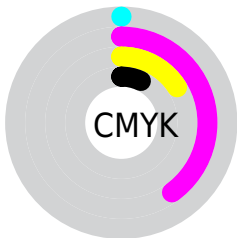
Distribution



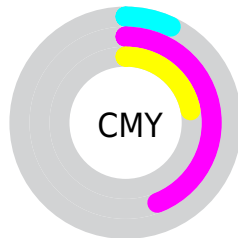
- Red (93%)
- Green (56%)
- Blue (78%)



- Red (93%)
- Yellow (56%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.9030, 38.3230, 37.8670 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 176.9030, 38.3230, 37.8670 by changing the saturation by 10% instead.


 176.9030, 38.3230,
37.8670

 176.9030, 38.3230,
37.8670


255.0000, -0.0000,
-0.0000


 149.3050, 37.1310,
37.4430


 220.9540, 15.9500,
30.3340


 122.2940, 35.6640,
36.4960

 237.9770, 7.9750,
15.1670

 95.9950, 35.0680,
36.2840

 69.6250, 33.2340,
36.4820

 39.7440, 34.5170,
40.7650

 27.0000, 27.5040,
30.1920

 17.8430, 20.2160,

19.0960

■ 2.0930, 4.1720,
1.4840

■ 0.0000, 0.0000,
0.0000

■ 176.9030, 38.3230,
37.8670

■ 176.9030, 38.3230,
37.8670

■ 161.7890, 47.8120,
47.6200

■ 192.1310, 28.5130,
28.4250

■ 147.1480, 57.3470,
56.5390

■ 206.6580, 19.2990,
19.1950

■ 132.0340, 66.8360,
66.2920

■ 221.7720, 9.8100,
9.4420

■ 116.8060, 76.6460,
75.7340

■ 237.0000, -0.0000,
-0.0000

■ 101.6920, 86.1350,
85.4870

■ 248.5920, -7.8390,
-6.6150

■ 87.0510, 95.6700,
94.4060

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



176.8630, 0.2690, 33.6850



176.9030, 38.3230, 37.8670



174.8390, 61.5700, 29.5540

Triad

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



176.9030, 38.3230, 37.8670



167.2890, 31.7780, -25.2620



138.5820, -125.6670, -29.8190

Complementary

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



176.9030, 38.3230, 37.8670



202.0970, -38.3230, -37.8670

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.



135.4240, -114.0190, -42.6830



176.9030, 38.3230, 37.8670



162.2720, -5.0830, -34.5470

Square

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



176.9030, 38.3230, 37.8670



170.5900, 56.3960, -8.8520



152.2570, -53.4530, -38.9970



146.4890, -111.5030, -11.1750

Rectangle

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



176.9030, 38.3230, 37.8670



173.2120, 67.3490, 18.4290



152.2570, -53.4530, -38.9970



137.8010, -122.0900, -34.0740

Sweetspot

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



176.9030, 38.3230, 37.8670



235.4350, 12.3770, 12.4810



163.5940, -9.0390, 37.1770



116.5220, 7.5180, 6.9260



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.



176.9030, 38.3230, 37.8670



177.8000, 49.2790, 48.5670



171.6590, 53.0890, 23.5610



110.0870, 4.3090, 4.5090



66.5450, 72.8870, 72.2710



19.7940, 21.9120, 21.4000

Inverse Universe

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



176.9030, 38.3230, 37.8670



177.8000, 49.2790, 48.5670



207.3410, -53.0890, -23.5610



110.0870, 4.3090, 4.5090



66.5450, 72.8870, 72.2710



19.7940, 21.9120, 21.4000

Previews

White Background



This preview shows how the YIQ color 176.9030, 38.3230, 37.8670 looks on a white background.

Color Contrast Check

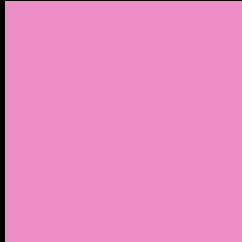
Large Text (above 18pt) WCAG AA × Fail

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 176.9030, 38.3230, 37.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

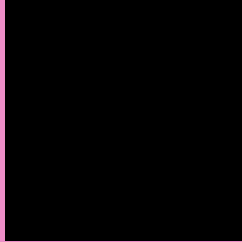
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.9030, 38.3230, 37.8670

Background



This preview shows how black text looks on a background with the YIQ color 176.9030, 38.3230, 37.8670.



This preview shows how white text looks on a background with the YIQ color 176.9030, 38.3230,

37.8670.

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

176.9030, 38.3230, 37.8670

Protanopia

173.4820, -21.3680, 12.8080

Deuteranopia

174.5520, -1.1940, 10.6300



Tritanopia

175.4840, 46.2120, 21.5400

Trichromacy



Original Color

176.9030, 38.3230, 37.8670



Protanomaly

174.5990, 0.5920, 22.3200



Deuteranomaly

175.7760, 13.1550, 20.4110



Tritanomaly

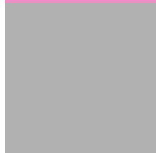
175.6180, 43.1390, 27.6750

Monochromacy



Original Color

176.9030, 38.3230, 37.8670



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.8590, 14.1190, 13.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9030, 38.3230, 37.8670 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(237, 142, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 199)  
}
```

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(237, 142, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 199) }
```

Border

The CSS property to change the border of an element to YIQ 176.9030, 38.3230, 37.8670 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(237, 142, 199) }
```


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

```
.border{ border-color:rgb(237, 142, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 142, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 142, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 142, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 142,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9030, 38.3230, 37.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 199) }
```

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

```
.background{ background-color: rgb(237,  
142, 199) }
```

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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