

Converting Colors

YIQ(184.5690, 27.6400, 38.7440)

Have a look what the booklet for
YIQ(184.5690, 27.6400, 38.7440)
contains.

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Color

**YIQ(184.5690, 27.6400,
38.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	EB98DC
RGB	235, 152, 220
RGB Percent	92%, 60%, 86%
CMY	0.0782, 0.4040, 0.1372
CMYK	0.00, 0.35, 0.06, 0.08
HSL	311°, 68%, 76%
HSV	311°, 35%, 92%
XYZ	58.4239, 45.2859, 73.3820
YIQ	184.5690, 27.6400, 38.7440

Conversions

Conversions Part 2

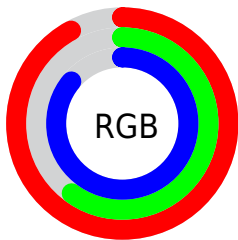
Format	Color
RYB	235, 152, 220
Decimal	15440092
CIELab	73.08, 41.16, -21.76
CIELCh	73, 46.564, 332.134
Yxy	45.2859, 0.3299, 0.2557
Android (android.graphics.Color)	4293630172 (0xFFEB98DC)
YUV	184.5690, 17.4675, 44.2280
Hunter-Lab	67.2948, 37.2042, -17.5468

Details

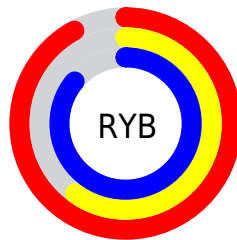
The YIQ color **184.5690, 27.6400, 38.7440** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **202.4310, -27.6400, -38.7440**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **226.8240, 13.2000, 25.1040**, and **130.1450, 25.8980, 37.2740** is the 20% darker color. If you saturate the color by 10%, you get **170.0250, 35.5240, 50.0520**, and if you desaturate by 10%, it is **198.5260, 20.0310, 27.9590**.

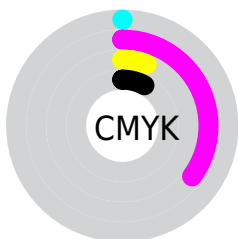
Distribution



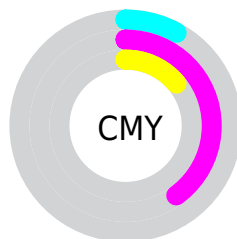
- Red (92%)
- Green (60%)
- Blue (86%)



- Red (92%)
- Yellow (60%)
- Blue (86%)



- Cyan (0%)
- Magenta (35%)
- Yellow (6%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.5690, 27.6400, 38.7440 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 184.5690, 27.6400, 38.7440 by changing the saturation by 10% instead.


 184.5690, 27.6400,
38.7440

 184.5690, 27.6400,
38.7440


255.0000, -0.0000,
-0.0000


 156.8570, 26.7690,
38.0090


 226.8240, 13.2000,
25.1040


 130.1450, 25.8980,
37.2740

 243.8470, 5.2250,
9.9370

 104.0200, 24.7520,
36.0160

 77.8350, 23.8350,
36.1150

 51.9490, 23.5140,
36.4260

 28.9380, 22.0470,
35.4790

 19.1400, 15.1260,

23.2380

■ 7.4770, 3.3910,
10.1350

■ 0.0000, 0.0000,
0.0000

■ 184.5690, 27.6400,
38.7440

■ 184.5690, 27.6400,
38.7440

■ 170.0250, 35.5240,
50.0520

■ 198.5260, 20.0310,
27.9590

■ 156.0680, 43.1330,
60.8370

■ 213.1840, 11.8260,
16.9620

■ 141.4100, 51.3380,
71.8340

■ 227.1410, 4.2170,
6.1770

■ 127.4530, 58.9470,
82.6190

■ 241.6850, -3.6670,
-5.1310

■ 112.9090, 66.8310,
93.9270

■ 247.4240, -7.4260,
-8.5940

■ 98.8380, 74.7610,
104.4010

■ 247.9940, -9.0310,
-7.0390

■ 92.1530, 78.4280,
109.5320

■ 248.4500,
-10.3150, -5.7950

■ 248.9060,
-11.5990, -4.5510

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



182.6700, -15.3650, 30.6750



184.5690, 27.6400, 38.7440



181.6520, 54.9670, 33.5830

Triad

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



184.5690, 27.6400, 38.7440



175.6710, 42.5060, -21.4460



142.8220, -126.5830, -35.2470

Complementary

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



184.5690, 27.6400, 38.7440



202.4310, -27.6400, -38.7440

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.



139.2080, -113.6510, -49.3550



184.5690, 27.6400, 38.7440



171.0410, 8.8090, -33.0070

Square

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



184.5690, 27.6400, 38.7440



178.8130, 63.3180, -2.1380



163.3530, -36.1680, -38.3760



142.8340, -134.8840, -22.4680

Rectangle

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



184.5690, 27.6400, 38.7440



179.6340, 63.4050, 23.8290



163.3530, -36.1680, -38.3760



141.9270, -122.6850, -39.8130

Sweetspot

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



184.5690, 27.6400, 38.7440



237.9940, 9.3050, 13.0890



165.6480, -18.2990, 28.7810



117.5650, 5.9590, 7.6470



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.



184.5690, 27.6400, 38.7440



190.0250, 35.5240, 50.0520



180.0090, 40.4800, 26.3040



110.3150, 3.6670, 5.1310



70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320

Inverse Universe

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



184.5690, 27.6400, 38.7440



190.0250, 35.5240, 50.0520



206.9910, -40.4800, -26.3040



110.3150, 3.6670, 5.1310



70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 184.5690, 27.6400, 38.7440 looks on a white background.

Color Contrast Check

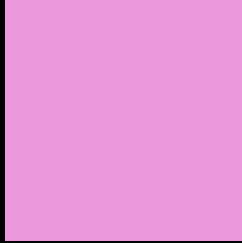
Large Text (above 18pt) WCAG AA × Fail

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 184.5690, 27.6400, 38.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

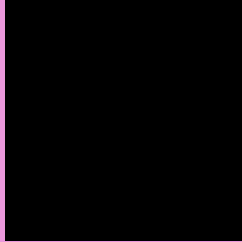
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 184.5690, 27.6400, 38.7440

Background



This preview shows how black text looks on a background with the YIQ color 184.5690, 27.6400, 38.7440.



This preview shows how white text looks on a background with the YIQ color 184.5690, 27.6400,

38.7440.

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

184.5690, 27.6400, 38.7440

Protanopia

180.3550, -28.2000, 15.4800

Deuteranopia

181.7560, -10.4560, 13.2880



Tritanopia

182.7000, 36.6760, 18.1480

Trichromacy



Original Color

184.5690, 27.6400, 38.7440



Protanomaly

182.0480, -7.9820, 23.5220



Deuteranomaly

182.5670, 3.6180, 22.5460



Tritanomaly

183.4750, 33.2360, 25.4280

Monochromacy



Original Color

184.5690, 27.6400, 38.7440



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

184.8200, 9.8550, 14.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.5690, 27.6400, 38.7440 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(235, 152, 220)` looks like.

```
.text, #text, p{  
    color:rgb(235, 152, 220)  
}
```

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(235, 152, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 152, 220) }
```

Border

The CSS property to change the border of an element to YIQ 184.5690, 27.6400, 38.7440 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(235, 152, 220) }
```


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

```
.border{ border-color:rgb(235, 152, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 152, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 152, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 152, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 152,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 184.5690, 27.6400, 38.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 152, 220) }
```

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

```
.background{ background-color: rgb(235,  
152, 220) }
```

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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