

Converting Colors

YIQ(140.0380, 69.0400, 48.3680)

Have a look what the booklet for
YIQ(140.0380, 69.0400, 48.3680)
contains.

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Color

**YIQ(140.0380, 69.0400,
48.3680)**

Conversions

Conversions Part 1

Format	Color
Hex	EC5A92
RGB	236, 90, 146
RGB Percent	93%, 35%, 57%
CMY	0.0741, 0.6473, 0.4272
CMYK	0.00, 0.62, 0.38, 0.07
HSL	337°, 79%, 64%
HSV	337°, 62%, 93%
XYZ	43.4683, 27.2287, 30.1828
YIQ	140.0380, 69.0400, 48.3680

Conversions

Conversions Part 2

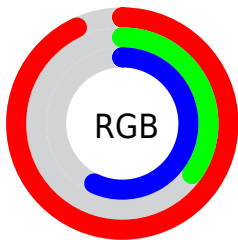
Format	Color
R _Y B	236, 90, 146
Decimal	15489682
CIE Lab	59.19, 61.15, -0.78
CIE LCh	59, 61.155, 359.273
Yxy	27.2287, 0.4309, 0.2699
Android (android.graphics.Color)	4293679762 (0xFFEC5A92)
YUV	140.0380, 2.9393, 84.1587
Hunter-Lab	52.1811, 57.3784, 2.2321

Details

The YIQ color **140.0380, 69.0400, 48.3680** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **185.9620, -69.0400, -48.3680**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.3340, 47.3550, 39.3790**, and **78.8300, 66.9300, 53.5700** is the 20% darker color. If you saturate the color by 10%, you get **124.3540, 80.1340, 56.5660**, and if you desaturate by 10%, it is **155.8360, 57.6250, 40.4810**.

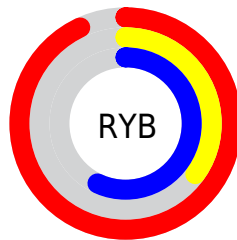
Distribution



Red (93%)

Green (35%)

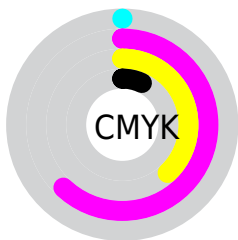
Blue (57%)



Red (93%)

Yellow (35%)

Blue (57%)

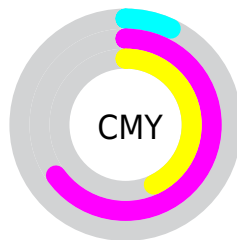


Cyan (0%)

Magenta (62%)

Yellow (38%)

Black (7%)



Cyan (7%)


Magenta (65%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.0380, 69.0400, 48.3680 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 140.0380, 69.0400, 48.3680 by changing the saturation by 10% instead.


 140.0380, 69.0400,
48.3680


 140.0380, 69.0400,
48.3680


255.0000, -0.0000,
-0.0000


 111.0810, 67.4810,
49.0890


 185.3340, 47.3550,
39.3790


 78.2430, 67.2050,
54.0930


 204.9620, 30.6670,
33.4430


 51.8620, 63.9040,
53.3440

 225.0630, 14.0250,
26.6730

 40.6830, 53.6820,
40.3540

 242.0860, 6.0500,
11.5060

 29.9170, 43.7350,
27.8870

 19.1790, 36.5850,
14.2890

 8.4860, 16.3670,

6.2470

■ 0.0000, 0.0000,
0.0000

■ 140.0380, 69.0400,
48.3680

■ 140.0380, 69.0400,
48.3680

■ 124.3540, 80.1340,
56.5660

■ 155.8360, 57.6250,
40.4810

■ 109.1430, 91.2740,
63.9300

■ 170.9330, 46.8060,
32.8060

■ 93.3450, 102.6890,
71.8170

■ 186.7310, 35.3910,
24.9190

■ 80.9380, 111.4450,
78.3330

■ 201.8280, 24.5720,
17.2440

■ 217.6260, 13.1570,
9.3570

■ 233.3100, 2.0630,
1.1590

■ 248.5210, -9.0770,
-6.2050

■ 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.



145.8010, 30.3430, 50.3350



140.0380, 69.0400, 48.3680



138.1050, 84.1280, 28.2240

Triad

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



140.0380, 69.0400, 48.3680



130.3000, 14.9090, -44.4430



121.7700, -119.6640, -11.9520

Complementary

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



140.0380, 69.0400, 48.3680



185.9620, -69.0400, -48.3680

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.



120.1450, -108.1990, -27.0070



140.0380, 69.0400, 48.3680



112.8460, -57.2100, -53.5140

Square

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



140.0380, 69.0400, 48.3680



134.2470, 57.9590, -31.6810



113.8750, -90.5440, -44.1120



115.9630, -121.2250, -0.1770

Rectangle

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



140.0380, 69.0400, 48.3680



138.6030, 81.8850, 8.2930



113.8750, -90.5440, -44.1120



121.6900, -116.6830, -16.4190

Sweetspot

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



140.0380, 69.0400, 48.3680



223.4040, 22.8300, 15.7740



132.9560, 5.5820, 64.0620



108.2240, 14.3490, 9.7810



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.



140.0380, 69.0400, 48.3680



130.8330, 89.2110, 62.7710



142.4590, 82.8910, 23.1070



109.7450, 5.2720, 3.5760



62.0990, 85.4060, 60.1420



18.5400, 25.4430, 17.9790

Inverse Universe

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



140.0380, 69.0400, 48.3680



130.8330, 89.2110, 62.7710



183.5410, -82.8910, -23.1070



109.7450, 5.2720, 3.5760



62.0990, 85.4060, 60.1420



18.5400, 25.4430, 17.9790

Previews

White Background



This preview shows how the YIQ color 140.0380, 69.0400, 48.3680 looks on a white background.

Color Contrast Check

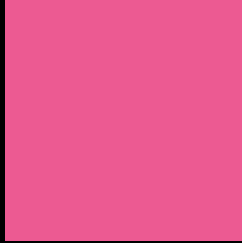
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.0380, 69.0400, 48.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

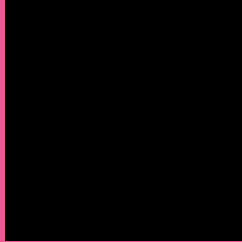
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.0380, 69.0400, 48.3680

Background



This preview shows how black text looks on a background with the YIQ color 140.0380, 69.0400, 48.3680.



This preview shows how white text looks on a background with the YIQ color 140.0380, 69.0400,

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

140.0380, 69.0400, 48.3680

Protanopia

143.1250, -16.0490, 10.0230

Deuteranopia

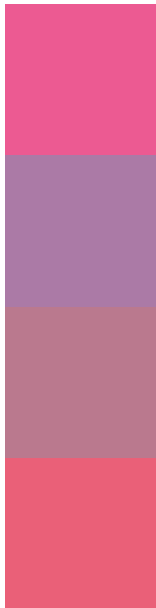
144.0940, 11.5990, 4.5510



Tritanopia

139.7500, 77.9380, 30.2740

Trichromacy



Original Color

140.0380, 69.0400, 48.3680

Protanomaly

141.6670, 15.0800, 24.0720

Deuteranomaly

142.8290, 31.9990, 20.3110

Tritanomaly

139.9980, 74.5440, 36.7200

Monochromacy



Original Color

140.0380, 69.0400, 48.3680

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1270, 25.1680, 17.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.0380, 69.0400, 48.3680 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, 90, 146)` looks like.

```
.text, #text, p{  
    color:rgb(236, 90, 146)  
}
```

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, 90, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 90, 146) }
```

Border

The CSS property to change the border of an element to YIQ 140.0380, 69.0400, 48.3680 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, 90, 146) }
```


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

```
.border{ border-color:rgb(236, 90, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 90, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 90, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 90, 146);  
box-shadow:4px 4px 4px 4px rgb(236, 90,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 140.0380, 69.0400, 48.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 90, 146) }
```

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

```
.background{ background-color: rgb(236, 90,  
146) }
```

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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