

Converting Colors

YIQ(176.4370, 28.3720, 47.5080)

Have a look what the booklet for
YIQ(176.4370, 28.3720, 47.5080)
contains.

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Color

**YIQ(176.4370, 28.3720,
47.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	E98AE2
RGB	233, 138, 226
RGB Percent	91%, 54%, 89%
CMY	0.0860, 0.4590, 0.1137
CMYK	0.00, 0.41, 0.03, 0.09
HSL	304°, 68%, 73%
HSV	304°, 41%, 91%
XYZ	56.4395, 40.9929, 76.8974
YIQ	176.4370, 28.3720, 47.5080

Conversions

Conversions Part 2

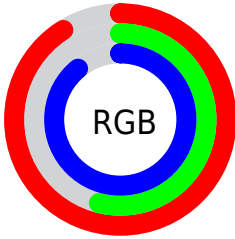
Format	Color
R_{YB}	233, 138, 226
Decimal	15305442
CIE _{Lab}	70.17, 48.83, -29.54
CIE _{LCh}	70, 57.071, 328.833
Yxy	40.9929, 0.3238, 0.2351
Android (android.graphics.Color)	4293495522 (0xFFE98AE2)
YUV	176.4370, 24.4346, 49.6058
Hunter-Lab	64.0257, 45.3051, -26.3917

Details

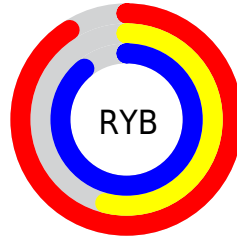
The YIQ color **176.4370, 28.3720, 47.5080** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **194.5630, -28.3720, -47.5080**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.6060, 17.0500, 32.4260**, and **121.8990, 26.9510, 45.7270** is the 20% darker color. If you saturate the color by 10%, you get **162.7080, 35.3390, 58.9150**, and if you desaturate by 10%, it is **190.1660, 21.4050, 36.1010**.

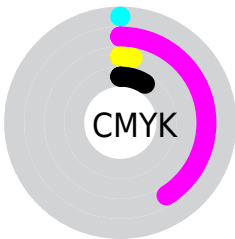
Distribution



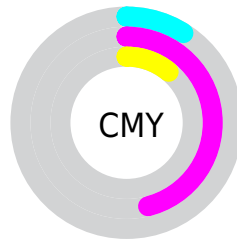
- Red (91%)
- Green (54%)
- Blue (89%)



- Red (91%)
- Yellow (54%)
- Blue (89%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.4370, 28.3720, 47.5080 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 176.4370, 28.3720, 47.5080 by changing the saturation by 10% instead.

176.4370, 28.3720,
47.5080

176.4370, 28.3720,
47.5080

255.0000, -0.0000,
-0.0000

148.7250, 27.5010,
46.7730

218.6060, 17.0500,
32.4260

121.8990, 26.9510,
45.7270

235.6290, 9.0750,
17.2590

94.7140, 26.0340,
45.8260

252.6520, 1.1000,
2.0920

67.8280, 25.7130,
46.1370

38.7080, 26.1710,
48.8510

28.1980, 18.3790,
35.8750

19.4110, 12.9250,

24.5810

■ 3.3340, -6.5120,
7.8880

■ 0.0000, 0.0000,
0.0000

■ 176.4370, 28.3720,
47.5080

■ 176.4370, 28.3720,
47.5080

■ 162.7080, 35.3390,
58.9150

■ 190.1660, 21.4050,
36.1010

■ 148.5060, 42.2600,
71.1560

■ 204.3680, 14.4840,
23.8600

■ 134.7770, 49.2270,
82.5630

■ 218.0970, 7.5170,
12.4530

■ 121.0480, 56.1940,
93.9700

■ 231.8260, 0.5500,
1.0460

■ 106.7320, 63.4360,
105.9000

■ 246.1420, -6.6920,
-10.8840

■ 94.2910, 69.5320,
116.5720

■ 246.2560, -7.0130,
-10.5730

■ 246.4840, -7.6550,
-9.9510

■ 246.7120, -8.2970,
-9.3290

■ 246.9400, -8.9390,
-8.7070

Harmonies

Analogous

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



173.2330, -24.2600, 32.1880



176.4370, 28.3720, 47.5080



170.2710, 60.8340, 42.8980

Triad

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



176.4370, 28.3720, 47.5080



166.0820, 54.2900, -25.7580



140.1320, -124.5200, -34.0880

Complementary

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



176.4370, 28.3720, 47.5080



194.5630, -28.3720, -47.5080

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.



134.7910, -108.1030, -50.7830



176.4370, 28.3720, 47.5080



160.9350, 14.6790, -40.2730

Square

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



176.4370, 28.3720, 47.5080



169.2830, 76.6140, -0.8100



150.7340, -42.0350, -47.6910



141.1870, -134.3800, -20.5880

Rectangle

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



176.4370, 28.3720, 47.5080



167.4550, 71.5190, 30.9670



150.7340, -42.0350, -47.6910



138.7810, -119.3380, -39.8980

Sweetspot

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



176.4370, 28.3720, 47.5080



236.5750, 9.1670, 15.5910



150.6240, -26.9190, 30.8170



117.2060, 5.5920, 8.7920



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.



176.4370, 28.3720, 47.5080



180.5990, 37.2640, 62.5760



171.0790, 43.4590, 32.8910



110.4290, 3.3460, 5.4420



73.2710, 53.9480, 90.6200



21.8460, 16.1340, 26.9980

Inverse Universe

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



176.4370, 28.3720, 47.5080



180.5990, 37.2640, 62.5760



199.9210, -43.4590, -32.8910



110.4290, 3.3460, 5.4420



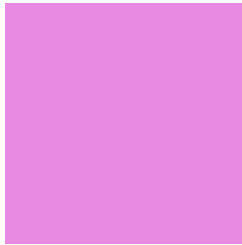
73.2710, 53.9480, 90.6200



21.8460, 16.1340, 26.9980

Previews

White Background



This preview shows how the YIQ color 176.4370, 28.3720, 47.5080 looks on a white background.

Color Contrast Check

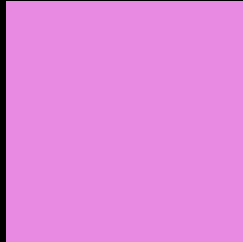
Large Text (above 18pt) WCAG AA × Fail

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 176.4370, 28.3720, 47.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

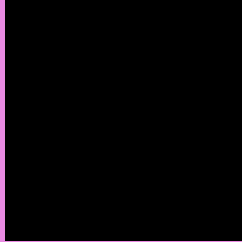
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.4370, 28.3720, 47.5080

Background



This preview shows how black text looks on a background with the YIQ color 176.4370, 28.3720, 47.5080.



This preview shows how white text looks on a background with the YIQ color 176.4370, 28.3720,

47.5080.

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

176.4370, 28.3720, 47.5080

Protanopia

171.0580, -40.3050, 20.1030

Deuteranopia

173.0200, -19.9470, 14.5890



Tritanopia

174.4940, 40.2520, 19.4200

Trichromacy



Original Color

176.4370, 28.3720, 47.5080



Protanomaly

173.1430, -15.3190, 29.8410



Deuteranomaly

174.2660, -2.6640, 26.2640



Tritanomaly

175.0780, 36.0320, 29.8240

Monochromacy



Original Color

176.4370, 28.3720, 47.5080



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

176.1130, 10.5880, 17.3720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.4370, 28.3720, 47.5080 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(233, 138, 226)` looks like.

```
.text, #text, p{  
    color:rgb(233, 138, 226)  
}
```

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(233, 138, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 138, 226) }
```

Border

The CSS property to change the border of an element to YIQ 176.4370, 28.3720, 47.5080 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(233, 138, 226) }
```


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

```
.border{ border-color:rgb(233, 138, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 138, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 138, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 138, 226);  
box-shadow:4px 4px 4px 4px rgb(233, 138,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 176.4370, 28.3720, 47.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 138, 226) }
```

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

```
.background{ background-color: rgb(233,  
138, 226) }
```

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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