

Converting Colors

YIQ(148.3440, 50.5630, 47.3230)

Have a look what the booklet for
YIQ(148.3440, 50.5630, 47.3230)
contains.

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Color

**YIQ(148.3440, 50.5630,
47.3230)**

Conversions

Conversions Part 1

Format	Color
Hex	E268AD
RGB	226, 104, 173
RGB Percent	89%, 41%, 68%
CMY	0.1134, 0.5923, 0.3214
CMYK	0.00, 0.54, 0.23, 0.11
HSL	326°, 68%, 65%
HSV	326°, 54%, 89%
XYZ	43.8823, 29.0914, 42.8566
YIQ	148.3440, 50.5630, 47.3230

Conversions

Conversions Part 2

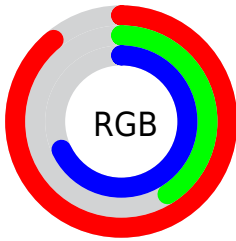
Format	Color
R _{YB}	226, 104, 173
Decimal	14837933
CIE Lab	60.86, 55.14, -14.05
CIE LCh	61, 56.904, 345.705
Yxy	29.0914, 0.3789, 0.2512
Android (android.graphics.Color)	4293028013 (0xFFE268AD)
YUV	148.3440, 12.1554, 68.1043
Hunter-Lab	53.9365, 50.8375, -9.3548

Details

The YIQ color **148.3440, 50.5630, 47.3230** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **181.6560, -50.5630, -47.3230**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5700, 35.0670, 41.8110**, and **92.2020, 48.0870, 48.1430** is the 20% darker color. If you saturate the color by 10%, you get **133.7030, 60.0980, 56.2420**, and if you desaturate by 10%, it is **162.9850, 41.0280, 38.4040**.

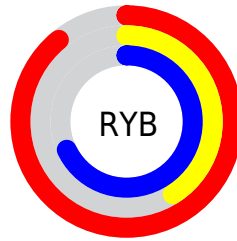
Distribution



Red (89%)

Green (41%)

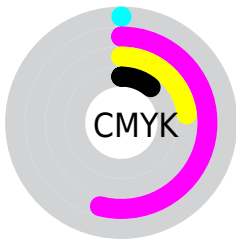
Blue (68%)



Red (89%)

Yellow (41%)

Blue (68%)

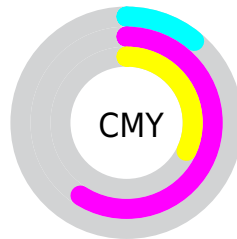


Cyan (0%)

Magenta (54%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (59%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.3440, 50.5630, 47.3230 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 148.3440, 50.5630, 47.3230 by changing the saturation by 10% instead.


 148.3440, 50.5630,
47.3230


 148.3440, 50.5630,
47.3230


255.0000, -0.0000,
-0.0000


 120.7460, 49.3710,
46.8990


 195.6840, 34.7460,
42.1220


 92.2020, 48.0870,
48.1430


 215.0840, 18.7000,
35.5640


 58.9620, 49.0030,
53.5710

 232.1070, 10.7250,
20.3970

 41.6960, 43.6400,
46.1360

 249.7170, 2.4750,
4.7070

 30.7020, 34.3350,
33.0470

 21.2460, 26.4510,
21.7390

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 148.3440, 50.5630,
47.3230

■ 148.3440, 50.5630,
47.3230

■ 133.7030, 60.0980,
56.2420

■ 162.9850, 41.0280,
38.4040

■ 119.6490, 69.3580,
64.6380

■ 177.0390, 31.7680,
30.0080

■ 105.1220, 78.5720,
73.8680

■ 191.5660, 22.5540,
20.7780

■ 91.0680, 87.8320,
82.2640

■ 205.6200, 13.2940,
12.3820

■ 82.1660, 93.6080,
87.7200

■ 220.2610, 3.7590,
3.4630

■ 234.9020, -5.7760,
-5.4560

■ 244.8470,
-13.1110, -10.1910

■ 245.9870,
-16.3210, -7.0810

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



151.1830, 5.5400, 42.7880



148.3440, 50.5630, 47.3230



144.6560, 75.5070, 35.7870

Triad

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



148.3440, 50.5630, 47.3230



138.0360, 33.5680, -35.6800



123.4680, -116.1780, -20.0660

Complementary

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



148.3440, 50.5630, 47.3230



181.6560, -50.5630, -47.3230

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.



120.0990, -102.5580, -35.6300



148.3440, 50.5630, 47.3230



131.5000, -14.8930, -43.9890

Square

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



148.3440, 50.5630, 47.3230



142.5550, 63.5040, -16.5280



113.4700, -85.2700, -51.5900



121.1490, -122.0490, -7.2730

Rectangle

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



148.3440, 50.5630, 47.3230



144.6110, 79.4070, 20.1670



113.4700, -85.2700, -51.5900



123.0460, -112.2340, -25.4660

Sweetspot

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



148.3440, 50.5630, 47.3230



228.8810, 17.0530, 15.8450



133.7550, -7.5740, 49.1780



112.0710, 10.4060, 9.6540



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.



148.3440, 50.5630, 47.3230



149.3500, 68.7620, 64.4260



141.3900, 70.1440, 28.3520



104.9730, 4.6300, 4.1980



64.0240, 72.7960, 68.4120



17.4300, 19.9410, 18.5730

Inverse Universe

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



148.3440, 50.5630, 47.3230



149.3500, 68.7620, 64.4260



188.6100, -70.1440, -28.3520



104.9730, 4.6300, 4.1980



64.0240, 72.7960, 68.4120



17.4300, 19.9410, 18.5730

Previews

White Background



This preview shows how the YIQ color 148.3440, 50.5630, 47.3230 looks on a white background.

Color Contrast Check

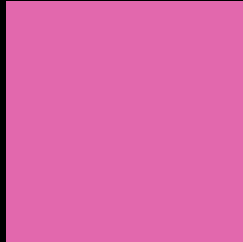
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.3440, 50.5630, 47.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

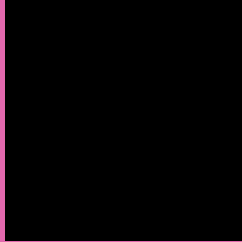
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.3440, 50.5630, 47.3230

Background



This preview shows how black text looks on a background with the YIQ color 148.3440, 50.5630, 47.3230.



This preview shows how white text looks on a background with the YIQ color 148.3440, 50.5630,

47.3230.

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

148.3440, 50.5630, 47.3230

Protanopia

147.3120, -26.6410, 14.7590

Deuteranopia

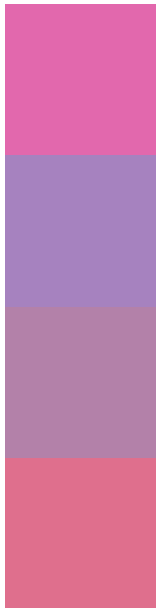
148.4270, -2.3400, 9.3720



Tritanopia

147.6060, 60.6080, 24.9600

Trichromacy



Original Color

148.3440, 50.5630, 47.3230

Protanomaly

147.7180, 1.8750, 26.6030

Deuteranomaly

148.5100, 16.9600, 23.0400

Tritanomaly

147.9080, 57.1220, 33.0740

Monochromacy



Original Color

148.3440, 50.5630, 47.3230

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.0060, 18.1990, 17.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.3440, 50.5630, 47.3230 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(226, 104, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 104, 173)  
}
```

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(226, 104, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 104, 173) }
```

Border

The CSS property to change the border of an element to YIQ 148.3440, 50.5630, 47.3230 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(226, 104, 173) }
```


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

```
.border{ border-color:rgb(226, 104, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 104, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 104, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 104, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 104,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 148.3440, 50.5630, 47.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 104, 173) }
```

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

```
.background{ background-color: rgb(226,  
104, 173) }
```

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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