

Converting Colors

YIQ(149.9140, 48.9580, 48.8780)

Have a look what the booklet for
YIQ(149.9140, 48.9580, 48.8780)
contains.

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Color

**YIQ(149.9140, 48.9580,
48.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	E369B3
RGB	227, 105, 179
RGB Percent	89%, 41%, 70%
CMY	0.1095, 0.5884, 0.2979
CMYK	0.00, 0.54, 0.21, 0.11
HSL	324°, 69%, 65%
HSV	324°, 54%, 89%
XYZ	44.8922, 29.6937, 46.0317
YIQ	149.9140, 48.9580, 48.8780

Conversions

Conversions Part 2

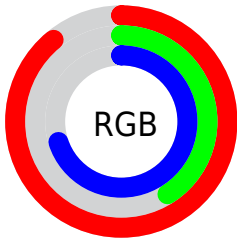
Format	Color
R_{YB}	227, 105, 179
Decimal	14903731
CIE _{Lab}	61.39, 55.81, -16.68
CIE _{LCh}	61, 58.251, 343.365
Yxy	29.6937, 0.3722, 0.2462
Android (android.graphics.Color)	4293093811 (0xFFE369B3)
YUV	149.9140, 14.3394, 67.6044
Hunter-Lab	54.4919, 51.6933, -11.9406

Details

The YIQ color **149.9140, 48.9580, 48.8780** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **182.0860, -48.9580, -48.8780**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.9550, 32.5450, 43.4650**, and **93.6580, 46.8030, 49.3870** is the 20% darker color. If you saturate the color by 10%, you get **135.3870, 58.1720, 58.1080**, and if you desaturate by 10%, it is **164.4410, 39.7440, 39.6480**.

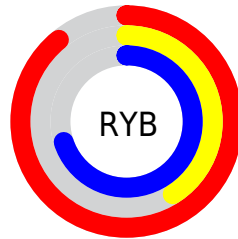
Distribution



Red (89%)

Green (41%)

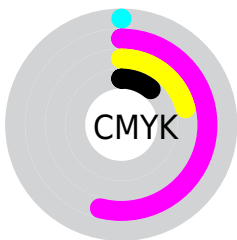
Blue (70%)



Red (89%)

Yellow (41%)

Blue (70%)

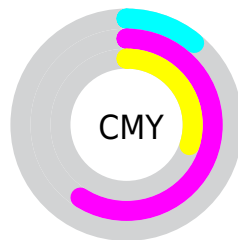


Cyan (0%)

Magenta (54%)

Yellow (21%)

Black (11%)



Cyan (11%)

Magenta (59%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9140, 48.9580, 48.8780 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 149.9140, 48.9580, 48.8780 by changing the saturation by 10% instead.

149.9140, 48.9580,
48.8780

149.9140, 48.9580,
48.8780

255.0000, -0.0000,
-0.0000

121.7290, 48.0410,
48.9770

196.9550, 32.5450,
43.4650

93.6580, 46.8030,
49.3870

216.2580, 18.1500,
34.5180

60.4180, 47.7190,
54.8150

232.6940, 10.4500,
19.8740

42.5650, 42.6310,
47.9030

250.3040, 2.2000,
4.1840

31.5710, 33.3260,
34.8140

21.7020, 25.1670,
22.9830

10.1380, 17.4670,

8.3390

■ 0.0000, 0.0000,
0.0000

■ 149.9140, 48.9580,
48.8780

■ 149.9140, 48.9580,
48.8780

■ 135.3870, 58.1720,
58.1080

■ 164.4410, 39.7440,
39.6480

■ 121.4470, 67.1110,
66.8150

■ 178.3810, 30.8050,
30.9410

■ 106.9200, 76.3250,
76.0450

■ 192.9080, 21.5910,
21.7110

■ 92.3930, 85.5390,
85.2750

■ 207.4350, 12.3770,
12.4810

■ 83.6050, 90.9940,
91.0420

■ 221.3750, 3.4380,
3.7740

■ 235.9020, -5.7760,
-5.4560

■ 245.1460,
-12.5150, -9.9790

■ 246.1720,
-15.4040, -7.1800

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



153.0300, 1.5970, 42.6610



149.9140, 48.9580, 48.8780



146.1230, 75.6900, 37.9780

Triad

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



149.9140, 48.9580, 48.8780



140.0750, 37.8320, -35.8640



124.6420, -116.7280, -21.1120

Complementary

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



149.9140, 48.9580, 48.8780



182.0860, -48.9580, -48.8780

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.



120.9310, -102.1450, -37.6090



149.9140, 48.9580, 48.8780



133.4250, -10.3080, -44.4840

Square

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



149.9140, 48.9580, 48.8780



143.7620, 67.3550, -14.7330



113.7150, -84.5820, -53.0460



123.2520, -123.8370, -7.9090

Rectangle

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



149.9140, 48.9580, 48.8780



145.5620, 81.1030, 22.4710



113.7150, -84.5820, -53.0460



124.2200, -112.7840, -26.5120

Sweetspot

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



149.9140, 48.9580, 48.8780



229.1090, 16.4110, 16.4670



132.9610, -11.1500, 47.9060



112.1850, 10.0850, 9.9650



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.



149.9140, 48.9580, 48.8780



150.1480, 66.5150, 66.6030



143.0740, 68.2180, 30.2180



107.3860, 4.9050, 4.7210



65.8330, 72.0160, 71.5360



18.7830, 20.4450, 20.4530

Inverse Universe

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



149.9140, 48.9580, 48.8780



150.1480, 66.5150, 66.6030



188.9260, -68.2180, -30.2180



107.3860, 4.9050, 4.7210



65.8330, 72.0160, 71.5360



18.7830, 20.4450, 20.4530

Previews

White Background



This preview shows how the YIQ color 149.9140, 48.9580, 48.8780 looks on a white background.

Color Contrast Check

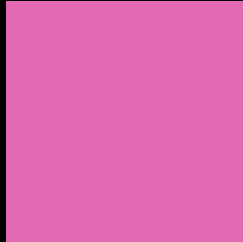
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.9140, 48.9580, 48.8780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

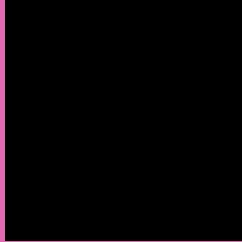
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.9140, 48.9580, 48.8780

Background



This preview shows how black text looks on a background with the YIQ color 149.9140, 48.9580, 48.8780.



This preview shows how white text looks on a background with the YIQ color 149.9140, 48.9580,

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

149.9140, 48.9580, 48.8780

Protanopia

148.6860, -30.6300, 15.4660

Deuteranopia

150.1710, -4.4950, 9.8810



Tritanopia

149.3070, 60.0120, 24.7480

Trichromacy



Original Color

149.9140, 48.9580, 48.8780



Protanomaly

149.3910, -1.5180, 27.5220



Deuteranomaly

149.7810, 14.7590, 24.3830



Tritanomaly

149.8370, 55.8840, 33.4840

Monochromacy



Original Color

149.9140, 48.9580, 48.8780



Achromatopsia

150.0000, -0.0000, -0.0000



Achromatomaly

150.2340, 17.5570, 17.7250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9140, 48.9580, 48.8780 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(227, 105, 179)` looks like.

```
.text, #text, p{  
    color:rgb(227, 105, 179)  
}
```

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(227, 105, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 105, 179) }
```

Border

The CSS property to change the border of an element to YIQ 149.9140, 48.9580, 48.8780 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(227, 105, 179) }
```


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

```
.border{ border-color:rgb(227, 105, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 105, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 105, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 105, 179);  
box-shadow:4px 4px 4px 4px rgb(227, 105,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9140, 48.9580, 48.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 105, 179) }
```

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

```
.background{ background-color: rgb(227,  
105, 179) }
```

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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