

Converting Colors

YIQ(148.6190, 59.7340, 40.8060)

Have a look what the booklet for
YIQ(148.6190, 59.7340, 40.8060)
contains.

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Color

**YIQ(148.6190, 59.7340,
40.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	E76A98
RGB	231, 106, 152
RGB Percent	91%, 42%, 60%
CMY	0.0938, 0.5845, 0.4037
CMYK	0.00, 0.54, 0.34, 0.09
HSL	338°, 72%, 66%
HSV	338°, 54%, 91%
XYZ	43.8022, 29.5687, 33.1265
YIQ	148.6190, 59.7340, 40.8060

Conversions

Conversions Part 2

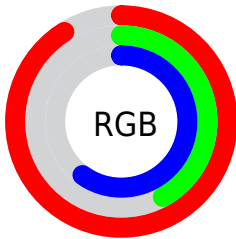
Format	Color
R _{YB}	231, 106, 152
Decimal	15166104
CIE Lab	61.28, 53.10, -1.27
CIE LCh	61, 53.120, 358.627
Yxy	29.5687, 0.4113, 0.2776
Android (android.graphics.Color)	4293356184 (0xFFE76A98)
YUV	148.6190, 1.6668, 72.2481
Hunter-Lab	54.3771, 48.6264, 1.9445

Details

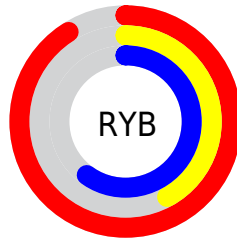
The YIQ color **148.6190, 59.7340, 40.8060** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **188.3810, -59.7340, -40.8060**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **194.2360, 41.5790, 33.9230**, and **92.8790, 56.0660, 41.2020** is the 20% darker color. If you saturate the color by 10%, you get **133.4080, 70.8740, 48.1700**, and if you desaturate by 10%, it is **163.8300, 48.5940, 33.4420**.

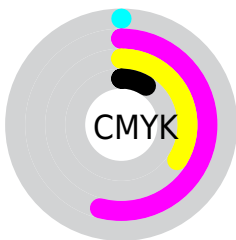
Distribution



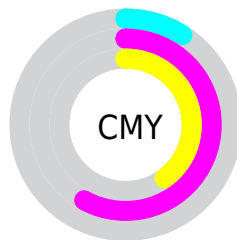
- Red (91%)
- Green (42%)
- Blue (60%)



- Red (91%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (54%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.6190, 59.7340, 40.8060 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 148.6190, 59.7340, 40.8060 by changing the saturation by 10% instead.


 148.6190, 59.7340,
40.8060


 148.6190, 59.7340,
40.8060


255.0000, -0.0000,
-0.0000


 120.8360, 57.6250,
40.4810


 194.2360, 41.5790,
33.9230

 92.8790, 56.0660,
41.2020


 213.8640, 24.8910,
27.9870


 60.9270, 56.1110,
45.8950

 233.2810, 10.1750,
19.3510

 40.6550, 50.8850,
41.4850

 250.3040, 2.2000,
4.1840

 29.8890, 40.9380,
29.0180

 19.6780, 33.7420,
16.2540

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 148.6190, 59.7340,
40.8060

■ 148.6190, 59.7340,
40.8060

■ 133.4080, 70.8740,
48.1700

■ 163.8300, 48.5940,
33.4420

■ 118.3110, 81.6930,
55.8450

■ 178.9270, 37.7750,
25.7670

■ 103.1000, 92.8330,
63.2090

■ 194.1380, 26.6350,
18.4030

■ 88.0030, 103.6520,
70.8840

■ 209.2350, 15.8160,
10.7280

■ 78.7590, 110.3910,
75.4070

■ 224.4460, 4.6760,
3.3640

■ 240.2440, -6.7390,
-4.5230

■ 247.7100,
-13.9830, -5.3990

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



151.9480, 25.2550, 43.4230



148.6190, 59.7340, 40.8060



146.6090, 73.7210, 24.0970

Triad

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



148.6190, 59.7340, 40.8060



138.1570, 14.1740, -36.6260



122.7330, -118.2420, -15.6980

Complementary

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



148.6190, 59.7340, 40.8060



188.3810, -59.7340, -40.8060

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.



121.6780, -108.3820, -29.1980



148.6190, 59.7340, 40.8060



128.5220, -38.3220, -43.3940

Square

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



148.6190, 59.7340, 40.8060



143.2110, 49.6130, -23.5950



116.7930, -93.2490, -44.6490



123.6670, -108.7080, -1.2520

Rectangle

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



148.6190, 59.7340, 40.8060



146.1120, 73.0820, 8.1380



116.7930, -93.2490, -44.6490



122.7670, -115.5820, -19.8540

Sweetspot

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



148.6190, 59.7340, 40.8060



227.9690, 19.6210, 13.3570



143.2730, 5.7670, 55.1990



111.5010, 12.0110, 8.0990



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.



148.6190, 59.7340, 40.8060



145.5880, 79.3550, 54.1630



152.1800, 70.3750, 18.6550



107.1580, 5.5470, 4.0990



61.0450, 85.4980, 58.4740



17.4150, 24.2970, 16.7210

Inverse Universe

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



148.6190, 59.7340, 40.8060



145.5880, 79.3550, 54.1630



184.8200, -70.3750, -18.6550



107.1580, 5.5470, 4.0990



61.0450, 85.4980, 58.4740



17.4150, 24.2970, 16.7210

Previews

White Background



This preview shows how the YIQ color 148.6190, 59.7340, 40.8060 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 148.6190, 59.7340, 40.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

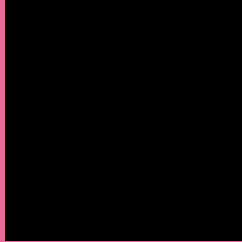
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.6190, 59.7340, 40.8060

Background



This preview shows how black text looks on a background with the YIQ color 148.6190, 59.7340, 40.8060.



This preview shows how white text looks on a background with the YIQ color 148.6190, 59.7340,

40.8060.

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

148.6190, 59.7340, 40.8060

Protanopia

149.0390, -12.9310, 8.5810

Deuteranopia

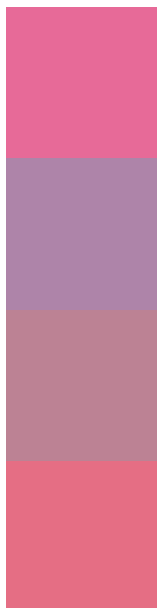
149.9090, 10.6820, 4.6500



Tritanopia

147.5960, 66.5680, 27.0800

Trichromacy



Original Color

148.6190, 59.7340, 40.8060

Protanomaly

148.7760, 13.1550, 20.4110

Deuteranomaly

149.3940, 28.7900, 17.8940

Tritanomaly

148.0890, 63.8620, 32.0700

Monochromacy



Original Color

148.6190, 59.7340, 40.8060

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.6920, 21.9590, 15.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6190, 59.7340, 40.8060 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(231, 106, 152)` looks like.

```
.text, #text, p{  
    color:rgb(231, 106, 152)  
}
```

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(231, 106, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 106, 152) }
```

Border

The CSS property to change the border of an element to YIQ 148.6190, 59.7340, 40.8060 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(231, 106, 152) }
```


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

```
.border{ border-color:rgb(231, 106, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 106, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 106, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 106, 152); box-shadow:4px 4px 4px 4px rgb(231, 106, 152) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6190, 59.7340, 40.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 106, 152) }
```

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

```
.background{ background-color: rgb(231,  
106, 152) }
```

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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