

Converting Colors

YIQ(147.7120, 63.9060, 42.2900)

Have a look what the booklet for
YIQ(147.7120, 63.9060, 42.2900)
contains.

YIQ(147.7120, 63.9060, 42.2900)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(147.7120, 63.9060,
42.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6795
RGB	235, 103, 149
RGB Percent	92%, 40%, 58%
CMY	0.0781, 0.5963, 0.4155
CMYK	0.00, 0.56, 0.37, 0.08
HSL	339°, 77%, 66%
HSV	339°, 56%, 92%
XYZ	44.5638, 29.5382, 31.8097
YIQ	147.7120, 63.9060, 42.2900

Conversions

Conversions Part 2

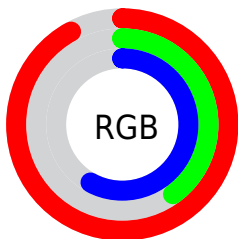
Format	Color
R _Y B	235, 103, 149
Decimal	15427477
CIE Lab	61.25, 55.44, 0.49
CIE LCh	61, 55.447, 0.505
Yxy	29.5382, 0.4208, 0.2789
Android (android.graphics.Color)	4293617557 (0xFFEB6795)
YUV	147.7120, 0.6350, 76.5516
Hunter-Lab	54.3491, 51.2511, 3.3428

Details

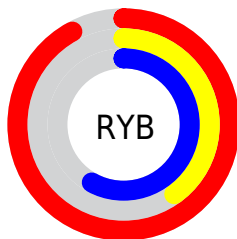
The YIQ color **147.7120, 63.9060, 42.2900** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **190.2880, -63.9060, -42.2900**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1330, 43.3670, 34.5590**, and **90.4990, 60.1920, 43.5200** is the 20% darker color. If you saturate the color by 10%, you get **131.9140, 75.3210, 50.1770**, and if you desaturate by 10%, it is **162.9230, 52.7660, 34.9260**.

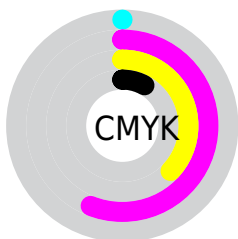
Distribution



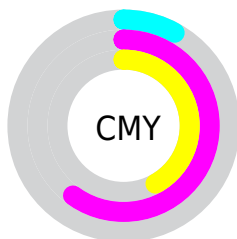
- Red (92%)
- Green (40%)
- Blue (58%)



- Red (92%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (56%)
- Yellow (37%)
- Black (8%)





- Cyan (8%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.7120, 63.9060, 42.2900 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 147.7120, 63.9060, 42.2900 by changing the saturation by 10% instead.


 147.7120, 63.9060,
42.2900


 147.7120, 63.9060,
42.2900


255.0000, -0.0000,
-0.0000


 119.3420, 62.0720,
42.4880


 192.1330, 43.3670,
34.5590


 90.6130, 59.8710,
43.8310


 212.3480, 26.4040,
28.1000


 55.1390, 61.5660,
51.6620

 232.1070, 10.7250,
20.3970

 41.2100, 53.6360,
41.1880

 249.1300, 2.7500,
5.2300

 30.1450, 43.0930,
28.5090

 19.8200, 36.2180,
15.4340

 9.3830, 18.1550,

6.8830

■ 0.0000, 0.0000,
0.0000

■ 147.7120, 63.9060,
42.2900

■ 147.7120, 63.9060,
42.2900

■ 131.9140, 75.3210,
50.1770

■ 162.9230, 52.7660,
34.9260

■ 116.5890, 86.7820,
57.2300

■ 178.8350, 41.0300,
27.3500

■ 100.7910, 98.1970,
65.1170

■ 194.0460, 29.8900,
19.9860

■ 85.5800, 109.3370,
72.4810

■ 209.8440, 18.4750,
12.0990

■ 79.6130, 113.7380,
75.3220

■ 225.1690, 7.0140,
5.0460

■ 240.9670, -4.4010,
-2.8410

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



151.5680, 29.3810, 45.7410



147.7120, 63.9060, 42.2900



145.7620, 77.6640, 24.2240

Triad

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



147.7120, 63.9060, 42.2900



136.9070, 11.8820, -39.1420



123.4170, -120.1680, -13.8320

Complementary

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



147.7120, 63.9060, 42.2900



190.2880, -63.9060, -42.2900

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.



122.7210, -109.9410, -28.4770



147.7120, 63.9060, 42.2900



125.2220, -46.3450, -46.6730

Square

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



147.7120, 63.9060, 42.2900



142.2170, 49.4760, -26.6200



117.7220, -94.4870, -44.2390



122.0410, -112.6970, -0.5450

Rectangle

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



147.7120, 63.9060, 42.2900



145.4280, 75.0080, 6.2720



117.7220, -94.4870, -44.2390



124.0380, -117.7830, -18.5110

Sweetspot

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



147.7120, 63.9060, 42.2900



226.5670, 20.8130, 13.7810



143.7620, 8.8840, 59.2840



110.8000, 12.6070, 8.3110



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.



147.7120, 63.9060, 42.2900



141.9690, 82.6560, 54.9120



154.2080, 73.1720, 17.5240



109.7450, 5.2720, 3.5760



61.3010, 87.6530, 57.9650



18.3120, 26.0850, 17.3570

Inverse Universe

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



147.7120, 63.9060, 42.2900



141.9690, 82.6560, 54.9120



183.7920, -73.1720, -17.5240



109.7450, 5.2720, 3.5760



61.3010, 87.6530, 57.9650



18.3120, 26.0850, 17.3570

Previews

White Background



This preview shows how the YIQ color 147.7120, 63.9060, 42.2900 looks on a white background.

Color Contrast Check

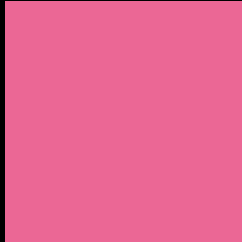
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.7120, 63.9060, 42.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

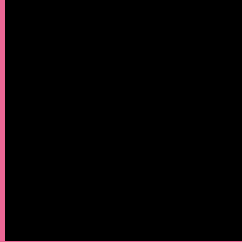
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.7120, 63.9060, 42.2900

Background



This preview shows how black text looks on a background with the YIQ color 147.7120, 63.9060, 42.2900.



This preview shows how white text looks on a background with the YIQ color 147.7120, 63.9060,

42.2900.

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

147.7120, 63.9060, 42.2900

Protanopia

148.8110, -12.2890, 7.9590

Deuteranopia

149.5780, 13.1120, 4.6640



Tritanopia

146.9880, 71.3360, 28.7760

Trichromacy



Original Color

147.7120, 63.9060, 42.2900

Protanomaly

148.4450, 15.5850, 20.4250

Deuteranomaly

148.4760, 31.4950, 18.4310

Tritanomaly

147.4810, 68.6300, 33.7660

Monochromacy



Original Color

147.7120, 63.9060, 42.2900

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1760, 23.4720, 15.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.7120, 63.9060, 42.2900 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(235, 103, 149)` looks like.

```
.text, #text, p{  
    color:rgb(235, 103, 149)  
}
```

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(235, 103, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 103, 149) }
```

Border

The CSS property to change the border of an element to YIQ 147.7120, 63.9060, 42.2900 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(235, 103, 149) }
```


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

```
.border{ border-color:rgb(235, 103, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 103, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 103, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 103, 149);  
box-shadow:4px 4px 4px 4px rgb(235, 103,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 147.7120, 63.9060, 42.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 103, 149) }
```

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

```
.background{ background-color: rgb(235,  
103, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor