

Converting Colors

YIQ(148.3530, 63.5390, 43.4350)

Have a look what the booklet for
YIQ(148.3530, 63.5390, 43.4350)
contains.

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Color

**YIQ(148.3530, 63.5390,
43.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	EC6798
RGB	236, 103, 152
RGB Percent	93%, 40%, 60%
CMY	0.0742, 0.5963, 0.4037
CMYK	0.00, 0.56, 0.36, 0.07
HSL	338°, 78%, 66%
HSV	338°, 56%, 93%
XYZ	45.1381, 29.8062, 33.1034
YIQ	148.3530, 63.5390, 43.4350

Conversions

Conversions Part 2

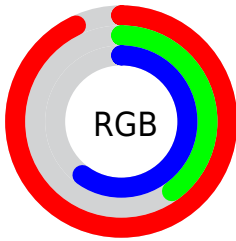
Format	Color
R_{YB}	236, 103, 152
Decimal	15493016
CIE _{Lab}	61.49, 56.10, -0.89
CIE _{LCh}	61, 56.109, 359.096
Yxy	29.8062, 0.4178, 0.2759
Android (android.graphics.Color)	4293683096 (0xFFEC6798)
YUV	148.3530, 1.7980, 76.8664
Hunter-Lab	54.5951, 52.0390, 2.2664

Details

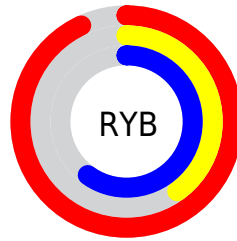
The YIQ color **148.3530, 63.5390, 43.4350** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **190.6470, -63.5390, -43.4350**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0620, 42.1290, 34.9690**, and **91.1400, 59.8250, 44.6650** is the 20% darker color. If you saturate the color by 10%, you get **132.5550, 74.9540, 51.3220**, and if you desaturate by 10%, it is **164.1510, 52.1240, 35.5480**.

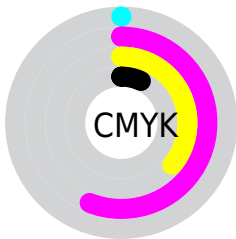
Distribution



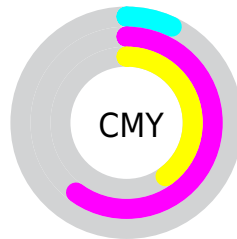
- Red (93%)
- Green (40%)
- Blue (60%)



- Red (93%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (56%)
- Yellow (36%)
- Black (7%)





- Cyan (7%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 148.3530, 63.5390, 43.4350 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 148.3530, 63.5390, 43.4350 by changing the saturation by 10% instead.


 148.3530, 63.5390,
43.4350


 148.3530, 63.5390,
43.4350


255.0000, -0.0000,
-0.0000


 119.9830, 61.7050,
43.6330


 193.0620, 42.1290,
34.9690


 91.1400, 59.8250,
44.6650


 212.6900, 25.4410,
29.0330


 55.0790, 61.7950,
53.0190

 232.1070, 10.7250,
20.3970

 41.8510, 53.2690,
42.3330

 249.1300, 2.7500,
5.2300

 30.7860, 42.7260,
29.6540

 20.5750, 35.5300,
16.8900

 9.9810, 19.3470,

7.3070

■ 0.0000, 0.0000,
0.0000

■ 148.3530, 63.5390,
43.4350

■ 148.3530, 63.5390,
43.4350

■ 132.5550, 74.9540,
51.3220

■ 164.1510, 52.1240,
35.5480

■ 117.3440, 86.0940,
58.6860

■ 179.3620, 40.9840,
28.1840

■ 101.5460, 97.5090,
66.5730

■ 195.1600, 29.5690,
20.2970

■ 86.3350, 108.6490,
73.9370

■ 210.3710, 18.4290,
12.9330

■ 80.4820, 112.7290,
77.0890

■ 226.1690, 7.0140,
5.0460

■ 241.8530, -4.0800,
-3.1520

■ 249.3190,
-11.3240, -4.0280

Harmonies

Analogous

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



152.1980, 27.5470, 45.9390



148.3530, 63.5390, 43.4350



146.5880, 78.2140, 25.2700

Triad

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



148.3530, 63.5390, 43.4350



138.1630, 14.0370, -39.6510



124.0040, -120.4430, -14.3550

Complementary

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



148.3530, 63.5390, 43.4350



190.6470, -63.5390, -43.4350

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.



123.1940, -109.8950, -29.3110



148.3530, 63.5390, 43.4350



126.1900, -43.3190, -46.4470

Square

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



148.3530, 63.5390, 43.4350



142.4130, 51.8600, -25.7720



117.4940, -93.8450, -44.8610



118.6700, -121.9580, -3.4140

Rectangle

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



148.3530, 63.5390, 43.4350



145.9660, 76.4290, 8.0530



117.4940, -93.8450, -44.8610



124.6250, -118.0580, -19.0340

Sweetspot

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



148.3530, 63.5390, 43.4350



226.6810, 20.4920, 14.0920



142.6800, 6.1790, 58.7470



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.



148.3530, 63.5390, 43.4350



141.0230, 82.5640, 56.5800



151.5720, 75.1430, 20.3510



109.7450, 5.2720, 3.5760



61.7570, 86.3690, 59.2090



18.4260, 25.7640, 17.6680

Inverse Universe

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



148.3530, 63.5390, 43.4350



141.0230, 82.5640, 56.5800



187.4280, -75.1430, -20.3510



109.7450, 5.2720, 3.5760



61.7570, 86.3690, 59.2090



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 148.3530, 63.5390, 43.4350 looks on a white background.

Color Contrast Check

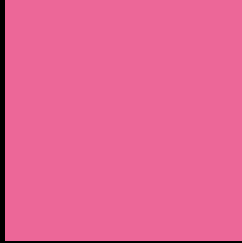
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.3530, 63.5390, 43.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

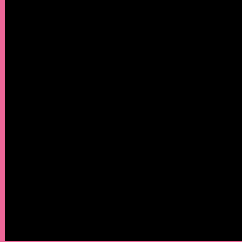
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 148.3530, 63.5390, 43.4350

Background



This preview shows how black text looks on a background with the YIQ color 148.3530, 63.5390, 43.4350.



This preview shows how white text looks on a background with the YIQ color 148.3530, 63.5390,

43.4350.

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

148.3530, 63.5390, 43.4350

Protanopia

149.8540, -13.8480, 8.6800

Deuteranopia

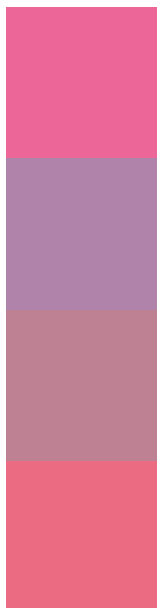
150.2080, 11.2780, 4.8620



Tritanopia

147.5750, 71.0610, 28.2530

Trichromacy



Original Color

148.3530, 63.5390, 43.4350

Protanomaly

149.4880, 14.0260, 21.1460

Deuteranomaly

149.4050, 30.2570, 18.8410

Tritanomaly

147.5950, 68.3090, 34.0770

Monochromacy



Original Color

148.3530, 63.5390, 43.4350

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2900, 23.1510, 15.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.3530, 63.5390, 43.4350 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(236, 103, 152)` looks like.

```
.text, #text, p{  
    color:rgb(236, 103, 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(236, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 103, 152) }
```

Border

The CSS property to change the border of an element to YIQ 148.3530, 63.5390, 43.4350 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(236, 103, 152) }
```


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

```
.border{ border-color:rgb(236, 103, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 103, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(236, 103,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 148.3530, 63.5390, 43.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 103, 152) }
```

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

```
.background{ background-color: rgb(236,  
103, 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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