

Converting Colors

YIQ(149.4510, 44.0930, 76.4850)

Have a look what the booklet for
YIQ(149.4510, 44.0930, 76.4850)
contains.

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Color

**YIQ(149.4510, 44.0930,
76.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	EF58E7
RGB	239, 88, 231
RGB Percent	94%, 35%, 91%
CMY	0.0623, 0.6551, 0.0941
CMYK	0.00, 0.63, 0.03, 0.06
HSL	303°, 83%, 64%
HSV	303°, 63%, 94%
XYZ	53.5459, 31.1102, 78.7961
YIQ	149.4510, 44.0930, 76.4850

Conversions

Conversions Part 2

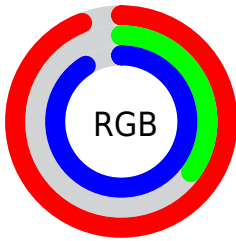
Format	Color
R _Y B	239, 88, 231
Decimal	15685863
CIE Lab	62.60, 74.16, -44.04
CIE LCh	63, 86.249, 329.293
Yxy	31.1102, 0.3276, 0.1903
Android (android.graphics.Color)	4293875943 (0xFFEF58E7)
YUV	149.4510, 40.2037, 78.5345
Hunter-Lab	55.7765, 73.7526, -44.7162

Details

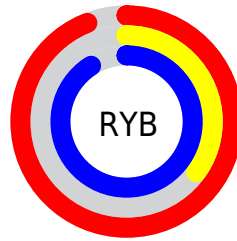
The YIQ color **149.4510, 44.0930, 76.4850** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **177.5490, -44.0930, -76.4850**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **191.6040, 29.7000, 56.4840**, and **77.5800, 48.5840, 88.7120** is the 20% darker color. If you saturate the color by 10%, you get **135.2490, 51.0140, 88.7260**, and if you desaturate by 10%, it is **163.6530, 37.1720, 64.2440**.

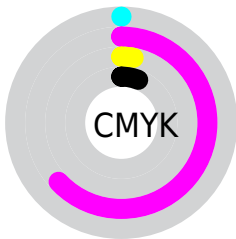
Distribution



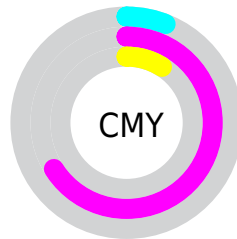
- Red (94%)
- Green (35%)
- Blue (91%)



- Red (94%)
- Yellow (35%)
- Blue (91%)



- Cyan (0%)
- Magenta (63%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (66%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 149.4510, 44.0930, 76.4850 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 149.4510, 44.0930, 76.4850 by changing the saturation by 10% instead.


 149.4510, 44.0930,
76.4850


 149.4510, 44.0930,
76.4850


255.0000, -0.0000,
-0.0000


 118.5050, 44.0010,
78.1530


 191.6040, 29.7000,
56.4840


 77.8790, 49.1800,
88.9240


 208.6270, 21.7250,
41.3170


 62.0210, 42.4880,
78.0400

 225.6500, 13.7500,
26.1500

 50.3860, 33.5500,
63.8060

 243.2600, 5.5000,
10.4600

 39.0500, 25.2080,
49.7840

 28.2410, 16.8200,
36.5960

 17.1330, 7.8360,

23.1960

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 149.4510, 44.0930,
76.4850

■ 149.4510, 44.0930,
76.4850

■ 135.2490, 51.0140,
88.7260

■ 163.6530, 37.1720,
64.2440

■ 120.9330, 58.2560,
100.6560

■ 177.9690, 29.9300,
52.3140

■ 106.7310, 65.1770,
112.8970

■ 192.1710, 23.0090,
40.0730

■ 97.2250, 69.8980,
120.9540

■ 206.3730, 16.0880,
27.8320

220.5750, 9.1670,
15.5910

234.3040, 2.2000,
4.1840

248.5060, -4.7210,
-8.0570

248.6200, -5.0420,
-7.7460

248.8480, -5.6840,
-7.1240

Harmonies

Analogous

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



147.5170, -36.5030, 39.3130



149.4510, 44.0930, 76.4850



123.4930, 87.8330, 76.7370

Triad

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



149.4510, 44.0930, 76.4850



141.8920, 68.9640, -38.3960



133.6580, -122.8250, -26.2570

Complementary

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



149.4510, 44.0930, 76.4850



177.5490, -44.0930, -76.4850

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.



124.7660, -97.7870, -50.5150



149.4510, 44.0930, 76.4850



130.9080, 18.1680, -64.9680

Square

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



149.4510, 44.0930, 76.4850



139.8630, 112.6070, -8.8410



112.5970, -70.4110, -73.0910



133.5560, -130.8050, -13.7890

Rectangle

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



149.4510, 44.0930, 76.4850



122.9620, 101.7290, 56.1690



112.5970, -70.4110, -73.0910



131.3950, -115.0750, -34.5550

Sweetspot

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



149.4510, 44.0930, 76.4850



226.4820, 14.1630, 24.1710



107.6060, -43.7030, 48.6570



110.1620, 8.8920, 15.0680



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.



149.4510, 44.0930, 76.4850



139.9820, 56.5600, 98.3520



140.9010, 68.1680, 53.1600



112.8420, 3.6210, 5.9650



74.8520, 53.8100, 93.1220



22.7860, 16.3630, 28.3550

Inverse Universe

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



149.4510, 44.0930, 76.4850



139.9820, 56.5600, 98.3520



186.0990, -68.1680, -53.1600



112.8420, 3.6210, 5.9650



74.8520, 53.8100, 93.1220



22.7860, 16.3630, 28.3550

Previews

White Background



This preview shows how the YIQ color 149.4510, 44.0930, 76.4850 looks on a white background.

Color Contrast Check

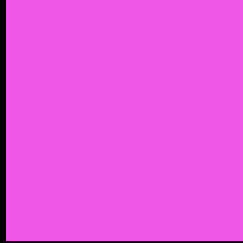
Large Text (above 18pt) WCAG AA × Fail

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 149.4510, 44.0930, 76.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

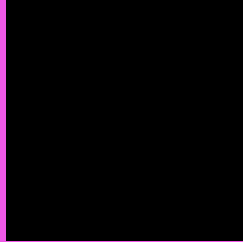
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.4510, 44.0930, 76.4850

Background



This preview shows how black text looks on a background with the YIQ color 149.4510, 44.0930, 76.4850.



This preview shows how white text looks on a background with the YIQ color 149.4510, 44.0930,

76.4850.

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

149.4510, 44.0930, 76.4850

Protanopia

147.6400, -59.3790, 24.3730

Deuteranopia

150.0210, -38.8830, 16.3570



Tritanopia

151.6170, 62.0750, 25.9070

Trichromacy



Original Color

149.4510, 44.0930, 76.4850



Protanomaly

148.0520, -21.8320, 43.2560



Deuteranomaly

149.5340, -8.8100, 38.5340



Tritanomaly

150.6880, 55.2860, 44.3260

Monochromacy



Original Color

149.4510, 44.0930, 76.4850



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

149.3730, 16.0880, 27.8320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4510, 44.0930, 76.4850 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(239, 88, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 88, 231)  
}
```

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(239, 88, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 88, 231) }
```

Border

The CSS property to change the border of an element to YIQ 149.4510, 44.0930, 76.4850 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(239, 88, 231) }
```


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

```
.border{ border-color:rgb(239, 88, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 88, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 88, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 88, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 88,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4510, 44.0930, 76.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 88, 231) }
```

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

```
.background{ background-color: rgb(239, 88,  
231) }
```

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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