

Converting Colors

YIQ(145.7870, 85.6840, 44.0840)

Have a look what the booklet for
YIQ(145.7870, 85.6840, 44.0840)
contains.

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Color

**YIQ(145.7870, 85.6840,
44.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5E7E
RGB	255, 94, 126
RGB Percent	100%, 37%, 49%
CMY	0.0000, 0.6316, 0.5056
CMYK	0.00, 0.63, 0.51, 0.00
HSL	348°, 100%, 68%
HSV	348°, 63%, 100%
XYZ	49.0078, 30.7618, 23.1205
YIQ	145.7870, 85.6840, 44.0840

Conversions

Conversions Part 2

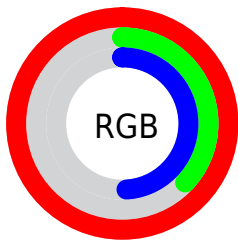
Format	Color
R _Y B	255, 94, 126
Decimal	16735870
CIE Lab	62.31, 63.41, 15.69
CIE LCh	62, 65.326, 13.899
Yxy	30.7618, 0.4763, 0.2990
Android (android.graphics.Color)	4294925950 (0xFFFF5E7E)
YUV	145.7870, -9.7550, 95.7798
Hunter-Lab	55.4633, 60.6629, 14.1087

Details

The YIQ color **145.7870, 85.6840, 44.0840** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **203.2130, -85.6840, -44.0840**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1740, 53.3170, 30.4450**, and **83.5080, 82.3360, 49.6960** is the 20% darker color. If you saturate the color by 10%, you get **128.2450, 99.2540, 51.4620**, and if you desaturate by 10%, it is **162.7420, 72.3890, 37.2290**.

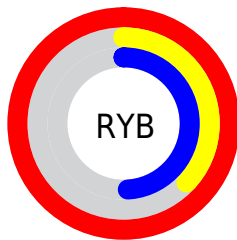
Distribution



Red (100%)

Green (37%)

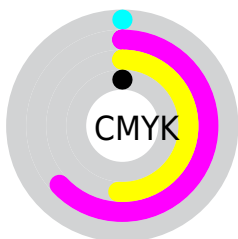
Blue (49%)



Red (100%)

Yellow (37%)

Blue (49%)

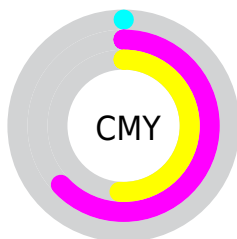


Cyan (0%)

Magenta (63%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.7870, 85.6840, 44.0840 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 145.7870, 85.6840, 44.0840 by changing the saturation by 10% instead.


 145.7870, 85.6840,
44.0840


 145.7870, 85.6840,
44.0840


255.0000, -0.0000,
-0.0000


 116.0580, 83.4830,
45.4270


 185.2880, 52.9960,
30.7560


 83.5080, 82.3360,
49.6960


 205.3890, 36.3540,
23.9860


 54.7080, 78.8970,
51.4490

 225.6040, 19.3910,
17.5270

 43.3440, 67.7580,
38.5580

 245.6080, 4.4000,
8.3680

 31.8660, 56.9400,
25.3560

 22.0550, 42.8660,
16.0980

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 145.7870, 85.6840,
44.0840

■ 145.7870, 85.6840,
44.0840

■ 128.2450, 99.2540,
51.4620

■ 162.7420, 72.3890,
37.2290

■ 111.1760,
112.8700, 58.0060

■ 180.3980, 58.4980,
30.1620

■ 93.6340, 126.4400,
65.3840

■ 197.3530, 45.2030,
23.3070

■ 82.0590, 135.6090,
69.9210

■ 215.0090, 31.3120,
16.2400

■ 231.9640, 18.0170,
9.3850

249.6200, 4.1260,
2.3180

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



150.5500, 56.1550, 56.1150



145.7870, 85.6840, 44.0840



146.0110, 89.7240, 14.9080

Triad

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



145.7870, 85.6840, 44.0840



132.0560, -13.8830, -51.2830



126.5120, -127.5050, -7.5130

Complementary

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



145.7870, 85.6840, 44.0840



203.2130, -85.6840, -44.0840

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.



128.9450, -121.9550, -19.9950



145.7870, 85.6840, 44.0840



116.5360, -85.6360, -55.9720

Square

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



145.7870, 85.6840, 44.0840



139.1000, 44.7110, -44.8970



124.6640, -105.7670, -38.0470



140.1650, -74.2790, 19.0730

Rectangle

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



145.7870, 85.6840, 44.0840



145.2910, 82.1630, -7.7650



124.6640, -105.7670, -38.0470



128.7460, -128.2840, -9.9160

Sweetspot

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



145.7870, 85.6840, 44.0840



222.3780, 25.7190, 12.9750



150.9250, 25.2030, 77.4190



107.6540, 15.9540, 8.2260



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.



145.7870, 85.6840, 44.0840



123.4520, 103.1050, 53.2570



170.3150, 82.7560, 9.0280



119.1150, 7.1060, 3.3780



61.4410, 101.6380, 52.3100



20.6180, 33.9710, 17.6110

Inverse Universe

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



145.7870, 85.6840, 44.0840



123.4520, 103.1050, 53.2570



178.6850, -82.7560, -9.0280



119.1150, 7.1060, 3.3780



61.4410, 101.6380, 52.3100



20.6180, 33.9710, 17.6110

Previews

White Background



This preview shows how the YIQ color 145.7870, 85.6840, 44.0840 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 145.7870, 85.6840, 44.0840 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 145.7870, 85.6840, 44.0840

Background



This preview shows how black text looks on a background with the YIQ color 145.7870, 85.6840, 44.0840.



This preview shows how white text looks on a background with the YIQ color 145.7870, 85.6840,

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

145.7870, 85.6840, 44.0840

Protanopia

151.1680, -0.4130, 1.9790

Deuteranopia

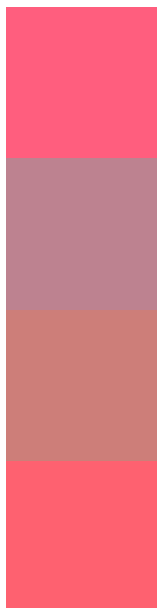
151.1910, 27.1430, -1.8250



Tritanopia

145.3280, 91.0500, 34.9380

Trichromacy



Original Color

145.7870, 85.6840, 44.0840

Protanomaly

149.2370, 30.6700, 16.8620

Deuteranomaly

149.0510, 48.6890, 15.1930

Tritanomaly

145.6530, 88.7570, 37.9490

Monochromacy



Original Color

145.7870, 85.6840, 44.0840

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.0090, 31.3120, 16.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7870, 85.6840, 44.0840 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(255, 94, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 126)  
}
```

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(255, 94, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 126) }
```

Border

The CSS property to change the border of an element to YIQ 145.7870, 85.6840, 44.0840 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(255, 94, 126) }
```


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

```
.border{ border-color:rgb(255, 94, 126) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7870, 85.6840, 44.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 126) }
```

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

```
.background{ background-color: rgb(255, 94,  
126) }
```

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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