

Converting Colors

YIQ(137.8440, 73.4830, 72.4830)

Have a look what the booklet for
YIQ(137.8440, 73.4830, 72.4830)
contains.

YIQ(137.8440, 73.4830, 72.4830)	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(137.8440, 73.4830,
72.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	FD47B4
RGB	253, 71, 180
RGB Percent	99%, 28%, 71%
CMY	0.0073, 0.7218, 0.2939
CMYK	0.00, 0.72, 0.29, 0.01
HSL	324°, 98%, 64%
HSV	324°, 72%, 99%
XYZ	51.0465, 28.7009, 46.0576
YIQ	137.8440, 73.4830, 72.4830

Conversions

Conversions Part 2

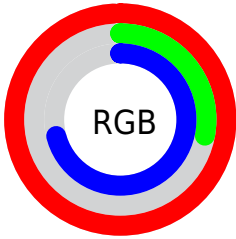
Format	Color
R_{YB}	253, 71, 180
Decimal	16598964
CIE _{Lab}	60.52, 76.61, -18.21
CIE _{LCh}	61, 78.745, 346.631
Yxy	28.7009, 0.4058, 0.2281
Android (android.graphics.Color)	4294789044 (0xFFFD47B4)
YUV	137.8440, 20.7829, 100.9918
Hunter-Lab	53.5732, 76.3284, -13.4712

Details

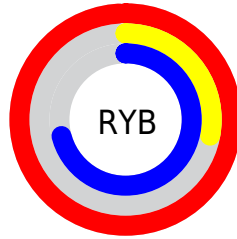
The YIQ color **137.8440, 73.4830, 72.4830** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **186.1560, -73.4830, -72.4830**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2200, 39.6490, 57.8970**, and **71.8860, 73.6650, 80.2010** is the 20% darker color. If you saturate the color by 10%, you get **122.0290, 83.5680, 82.4480**, and if you desaturate by 10%, it is **153.6590, 63.3980, 62.5180**.

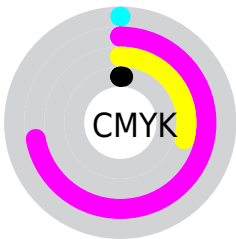
Distribution



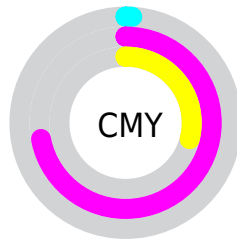
- Red (99%)
- Green (28%)
- Blue (71%)



- Red (99%)
- Yellow (28%)
- Blue (71%)



- Cyan (0%)
- Magenta (72%)
- Yellow (29%)
- Black (1%)



- Cyan (1%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8440, 73.4830, 72.4830 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 137.8440, 73.4830, 72.4830 by changing the saturation by 10% instead.

137.8440, 73.4830,
72.4830

137.8440, 73.4830,
72.4830

255.0000, -0.0000,
-0.0000

102.0170, 74.6740,
78.4340

181.2200, 39.6490,
57.8970

71.8860, 73.6650,
80.2010

200.9960, 25.3000,
48.1160

60.0660, 63.8100,
66.0660

218.6060, 17.0500,
32.4260

48.3600, 53.6340,
52.2420

236.2160, 8.8000,
16.7360

37.0670, 43.7330,
38.9410

253.8260, 0.5500,
1.0460

26.6000, 34.3820,
26.6860

14.4380, 25.4900,

11.6180

■ 0.0000, 0.0000,
0.0000

■ 137.8440, 73.4830,
72.4830

■ 137.8440, 73.4830,
72.4830

■ 122.0290, 83.5680,
82.4480

■ 153.6590, 63.3980,
62.5180

■ 105.6270, 93.9280,
92.9360

■ 170.0610, 53.0380,
52.0300

■ 92.9750, 101.9960,
100.9080

■ 185.9900, 42.6320,
42.3760

■ 201.8050, 32.5470,
32.4110

■ 217.6200, 22.4620,
22.4460

234.0220, 12.1020,
11.9580

249.8370, 2.0170,
1.9930

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



149.0010, 9.7090, 60.8530



137.8440, 73.4830, 72.4830



128.2280, 97.9240, 53.5400

Triad

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



137.8440, 73.4830, 72.4830



132.8450, 40.8150, -51.3850



130.1820, -126.8160, -14.4960

Complementary

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



137.8440, 73.4830, 72.4830



186.1560, -73.4830, -72.4830

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.



124.8750, -107.7390, -35.3470



137.8440, 73.4830, 72.4830



116.1750, -30.9360, -67.1280

Square

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



137.8440, 73.4830, 72.4830



136.9960, 83.7710, -25.9010



115.3790, -83.7560, -57.0040



124.7510, -126.6800, -5.9440

Rectangle

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



137.8440, 73.4830, 72.4830



134.9520, 106.5480, 29.3960



115.3790, -83.7560, -57.0040



128.7170, -121.3130, -20.6170

Sweetspot

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



137.8440, 73.4830, 72.4830



219.5060, 22.7830, 22.1350



113.5750, -14.9140, 72.0780



106.4460, 13.8440, 13.4280



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.



137.8440, 73.4830, 72.4830



116.4150, 88.4730, 87.1690



127.4700, 102.6940, 44.1820



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Inverse Universe

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



137.8440, 73.4830, 72.4830



116.4150, 88.4730, 87.1690



196.5300, -102.6940, -44.1820



119.6850, 5.5010, 4.9330



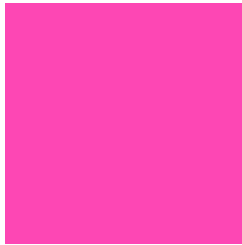
70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 137.8440, 73.4830, 72.4830 looks on a white background.

Color Contrast Check

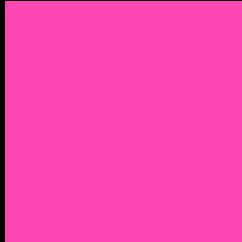
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8440, 73.4830, 72.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

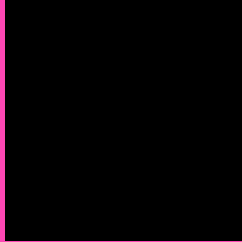
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8440, 73.4830, 72.4830

Background



This preview shows how black text looks on a background with the YIQ color 137.8440, 73.4830, 72.4830.



This preview shows how white text looks on a background with the YIQ color 137.8440, 73.4830,

72.4830.

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

137.8440, 73.4830, 72.4830

Protanopia

143.9910, -47.3660, 21.4180

Deuteranopia

147.8720, -5.0910, 9.6690



Tritanopia

140.4310, 89.2620, 34.3020

Trichromacy



Original Color

137.8440, 73.4830, 72.4830



Protanomaly

141.8120, -3.7210, 39.9190



Deuteranomaly

144.4280, 23.4230, 32.5670



Tritanomaly

139.6390, 83.3450, 47.9290

Monochromacy



Original Color

137.8440, 73.4830, 72.4830



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.1800, 26.8170, 26.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8440, 73.4830, 72.4830 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(253, 71, 180)` looks like.

```
.text, #text, p{  
    color:rgb(253, 71, 180)  
}
```

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(253, 71, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 71, 180) }
```

Border

The CSS property to change the border of an element to YIQ 137.8440, 73.4830, 72.4830 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(253, 71, 180) }
```


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

```
.border{ border-color:rgb(253, 71, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 71, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 71, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 71, 180);  
box-shadow:4px 4px 4px 4px rgb(253, 71,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8440, 73.4830, 72.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 71, 180) }
```

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

```
.background{ background-color: rgb(253, 71,  
180) }
```

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