

Converting Colors

YIQ(142.5850, 83.4370, 46.2610)

Have a look what the booklet for
YIQ(142.5850, 83.4370, 46.2610)
contains.

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Color

**YIQ(142.5850, 83.4370,
46.2610)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5A81
RGB	251, 90, 129
RGB Percent	98%, 35%, 51%
CMY	0.0153, 0.6473, 0.4938
CMYK	0.00, 0.64, 0.49, 0.02
HSL	345°, 95%, 67%
HSV	345°, 64%, 98%
XYZ	47.4391, 29.4165, 23.9733
YIQ	142.5850, 83.4370, 46.2610

Conversions

Conversions Part 2

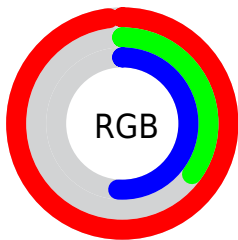
Format	Color
R _Y B	251, 90, 129
Decimal	16472705
CIE Lab	61.15, 64.08, 12.24
CIE LCh	61, 65.242, 10.817
Yxy	29.4165, 0.4705, 0.2917
Android (android.graphics.Color)	4294662785 (0xFFFB5A81)
YUV	142.5850, -6.6974, 95.0800
Hunter-Lab	54.2370, 61.2128, 11.7591

Details

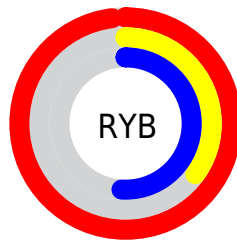
The YIQ color **142.5850, 83.4370, 46.2610** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **198.4150, -83.4370, -46.2610**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **183.2820, 53.1330, 33.7810**, and **77.9580, 81.1890, 53.9650** is the 20% darker color. If you saturate the color by 10%, you get **125.7440, 96.4110, 53.4270**, and if you desaturate by 10%, it is **159.4260, 70.4630, 39.0950**.

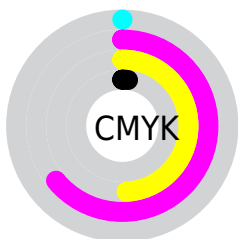
Distribution



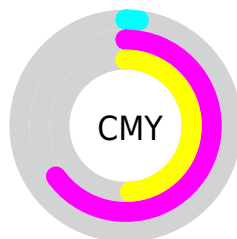
- Red (98%)
- Green (35%)
- Blue (51%)



- Red (98%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (64%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.5850, 83.4370, 46.2610 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 142.5850, 83.4370, 46.2610 by changing the saturation by 10% instead.


 142.5850, 83.4370,
46.2610


 142.5850, 83.4370,
46.2610


255.0000, -0.0000,
-0.0000


 112.8560, 81.2360,
47.6040


 183.2820, 53.1330,
33.7810


 77.9580, 81.1890,
53.9650


 203.3830, 36.4910,
27.0110


 54.1530, 76.1460,
51.7460

 223.5980, 19.5280,
20.5520

 42.7890, 65.0070,
38.8550

 243.2600, 5.5000,
10.4600

 31.4250, 53.8680,
25.9640

 21.5710, 41.3530,
15.9850

 11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,
0.0000

■ 142.5850, 83.4370,
46.2610

■ 142.5850, 83.4370,
46.2610

■ 125.7440, 96.4110,
53.4270

■ 159.4260, 70.4630,
39.0950

■ 108.9030,
109.3850, 60.5930

■ 176.2670, 57.4890,
31.9290

■ 92.0620, 122.3590,
67.7590

■ 193.1080, 44.5150,
24.7630

■ 82.0030, 130.0150,
72.1830

■ 209.9490, 31.5410,
17.5970

■ 226.7900, 18.5670,
10.4310

244.2180, 5.3180,
2.7420

253.8040, -2.3840,
-0.8480

Harmonies

Analogous

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



148.2120, 51.2950, 56.0870



142.5850, 83.4370, 46.2610



143.1190, 89.5400, 18.2440

Triad

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



142.5850, 83.4370, 46.2610



130.5900, -6.6390, -50.4070



125.3380, -126.9550, -6.4670

Complementary

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



142.5850, 83.4370, 46.2610



198.4150, -83.4370, -46.2610

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.



126.2720, -118.5620, -20.9140



142.5850, 83.4370, 46.2610



113.1620, -81.6470, -56.6790

Square

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



142.5850, 83.4370, 46.2610



135.9220, 51.0840, -44.7560



121.8770, -102.0530, -39.2770



131.8040, -89.5000, 14.0840

Rectangle

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



142.5850, 83.4370, 46.2610



142.5840, 82.8960, -4.5280



121.8770, -102.0530, -39.2770



126.8880, -125.8080, -10.7360

Sweetspot

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



142.5850, 83.4370, 46.2610



222.6060, 25.0770, 13.5970



144.5330, 20.4350, 75.7230



107.7680, 15.6330, 8.5370



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.



142.5850, 83.4370, 46.2610



122.9620, 101.7290, 56.1690



161.6190, 84.9560, 13.2120



116.2290, 6.7850, 3.6890



61.7550, 97.8780, 54.3740



19.9490, 31.5410, 17.5970

Inverse Universe

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



142.5850, 83.4370, 46.2610



122.9620, 101.7290, 56.1690



179.3810, -84.9560, -13.2120



116.2290, 6.7850, 3.6890



61.7550, 97.8780, 54.3740



19.9490, 31.5410, 17.5970

Previews

White Background



This preview shows how the YIQ color 142.5850, 83.4370, 46.2610 looks on a white background.

Color Contrast Check

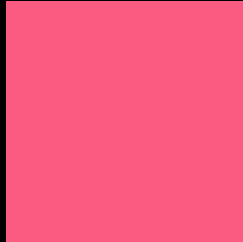
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.5850, 83.4370, 46.2610 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 142.5850, 83.4370, 46.2610

Background



This preview shows how black text looks on a background with the YIQ color 142.5850, 83.4370, 46.2610.



This preview shows how white text looks on a background with the YIQ color 142.5850, 83.4370,

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

142.5850, 83.4370, 46.2610

Protanopia

148.4820, -4.1730, 4.0430

Deuteranopia

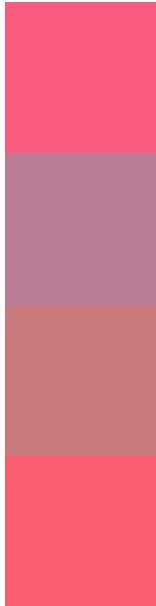
148.2770, 24.0250, -0.3830



Tritanopia

141.7300, 89.8580, 34.5140

Trichromacy



Original Color

142.5850, 83.4370, 46.2610

Protanomaly

146.2630, 27.7810, 19.6610

Deuteranomaly

146.1370, 45.5710, 16.6350

Tritanomaly

141.9950, 87.7940, 38.8820

Monochromacy



Original Color

142.5850, 83.4370, 46.2610

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.9380, 30.0740, 16.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.5850, 83.4370, 46.2610 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(251, 90, 129)` looks like.

```
.text, #text, p{  
    color:rgb(251, 90, 129)  
}
```

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(251, 90, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 90, 129) }
```

Border

The CSS property to change the border of an element to YIQ 142.5850, 83.4370, 46.2610 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(251, 90, 129) }
```


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

```
.border{ border-color:rgb(251, 90, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 90, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 90, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 90, 129);  
box-shadow:4px 4px 4px 4px rgb(251, 90,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 142.5850, 83.4370, 46.2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 90, 129) }
```

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

```
.background{ background-color: rgb(251, 90,  
129) }
```

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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