

Converting Colors

YIQ(142.9800, 74.9550, 45.7950)

Have a look what the booklet for
YIQ(142.9800, 74.9550, 45.7950)
contains.

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Color

**YIQ(142.9800, 74.9550,
45.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	F35D8A
RGB	243, 93, 138
RGB Percent	95%, 36%, 54%
CMY	0.0467, 0.6355, 0.4586
CMYK	0.00, 0.62, 0.43, 0.05
HSL	342°, 86%, 66%
HSV	342°, 62%, 95%
XYZ	45.4972, 28.7267, 27.2170
YIQ	142.9800, 74.9550, 45.7950

Conversions

Conversions Part 2

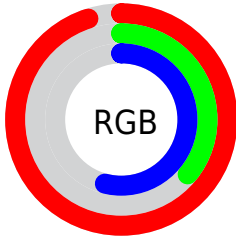
Format	Color
R _Y B	243, 93, 138
Decimal	15949194
CIE Lab	60.54, 61.22, 5.98
CIE LCh	61, 61.507, 5.578
Yxy	28.7267, 0.4485, 0.2832
Android (android.graphics.Color)	4294139274 (0xFFFF35D8A)
YUV	142.9800, -2.4551, 87.7175
Hunter-Lab	53.5973, 57.7280, 7.4103

Details

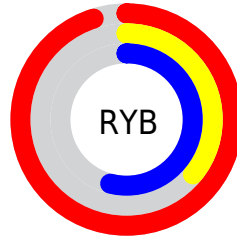
The YIQ color **142.9800, 74.9550, 45.7950** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **193.0200, -74.9550, -45.7950**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0690, 49.4190, 35.0110**, and **82.0600, 71.9740, 50.2620** is the 20% darker color. If you saturate the color by 10%, you get **126.9540, 87.0120, 53.0600**, and if you desaturate by 10%, it is **159.0060, 62.8980, 38.5300**.

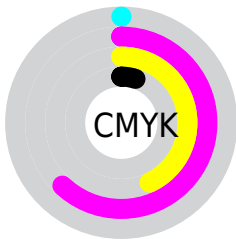
Distribution



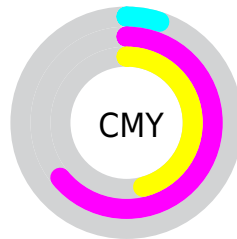
- Red (95%)
- Green (36%)
- Blue (54%)



- Red (95%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (62%)
- Yellow (43%)
- Black (5%)




- Cyan (5%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 142.9800, 74.9550, 45.7950 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 142.9800, 74.9550, 45.7950 by changing the saturation by 10% instead.


 142.9800, 74.9550,
45.7950


 142.9800, 74.9550,
45.7950


255.0000, -0.0000,
-0.0000


 113.8380, 72.4790,
46.6150


 186.0690, 49.4190,
35.0110


 82.0600, 71.9740,
50.2620


 205.6970, 32.7310,
29.0750


 52.8580, 69.7270,
52.4390

 226.0260, 15.4470,
22.9270

 41.7930, 59.1840,
39.7600

 244.4340, 4.9500,
9.4140

 30.8420, 48.3200,
27.3920

 20.3750, 38.9690,
15.1370

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 142.9800, 74.9550,
45.7950

■ 142.9800, 74.9550,
45.7950

■ 126.9540, 87.0120,
53.0600

■ 159.0060, 62.8980,
38.5300

■ 110.3410, 99.3440,
60.8480

■ 175.6190, 50.5660,
30.7420

■ 94.3150, 111.4010,
68.1130

■ 191.6450, 38.5090,
23.4770

■ 80.9790, 121.3950,
74.2190

■ 207.6710, 26.4520,
16.2120

■ 223.6970, 14.3950,
8.9470

■ 240.3100, 2.0630,
1.1590

■ 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



148.4170, 40.2920, 51.7480



142.9800, 74.9550, 45.7950



141.7150, 85.0460, 22.5980

Triad

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



142.9800, 74.9550, 45.7950



132.2000, 3.4470, -45.9690



123.4970, -123.1490, -9.3650

Complementary

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



142.9800, 74.9550, 45.7950



193.0200, -74.9550, -45.7950

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.



123.5020, -113.5180, -24.2220



142.9800, 74.9550, 45.7950



110.4890, -78.2540, -57.5980

Square

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



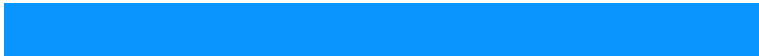
142.9800, 74.9550, 45.7950



137.4910, 51.2200, -36.2040



118.6340, -97.0550, -41.7510



119.4090, -116.5490, 3.1870

Rectangle

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



142.9800, 74.9550, 45.7950



142.0170, 80.4190, 1.8190



118.6340, -97.0550, -41.7510



124.8190, -121.3600, -14.2560

Sweetspot

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



142.9800, 74.9550, 45.7950



222.9480, 24.1140, 14.5300



140.8970, 13.2380, 68.4860



107.9960, 14.9910, 9.1590



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.



142.9800, 74.9550, 45.7950



129.0090, 94.3470, 57.7950



153.6990, 81.9750, 17.6790



114.0440, 5.8680, 3.7880



61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Inverse Universe

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



142.9800, 74.9550, 45.7950



129.0090, 94.3470, 57.7950



182.3010, -81.9750, -17.6790



114.0440, 5.8680, 3.7880



61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 142.9800, 74.9550, 45.7950 looks on a white background.

Color Contrast Check

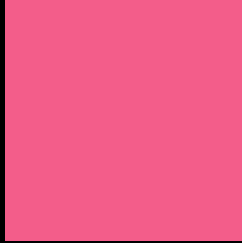
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.9800, 74.9550, 45.7950 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 142.9800, 74.9550, 45.7950

Background



This preview shows how black text looks on a background with the YIQ color 142.9800, 74.9550, 45.7950.



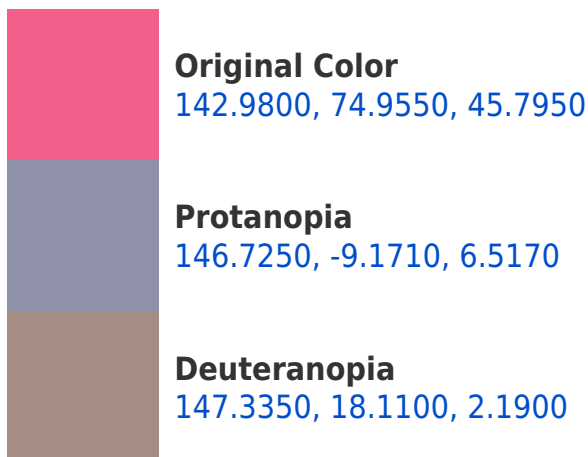
This preview shows how white text looks on a background with the YIQ color 142.9800, 74.9550,

45.7950.

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

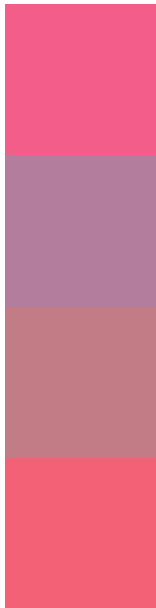




Tritanopia

142.2560, 82.3850, 32.2810

Trichromacy



Original Color

142.9800, 74.9550, 45.7950

Protanomaly

145.3810, 21.6370, 20.8770

Deuteranomaly

146.0700, 38.5100, 17.9500

Tritanomaly

142.7490, 79.6790, 37.2710

Monochromacy



Original Color

142.9800, 74.9550, 45.7950

Achromatopsia

143.0000, -0.0000, 0.0000

Achromatomaly

142.9700, 27.0480, 16.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.9800, 74.9550, 45.7950 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(243, 93, 138)` looks like.

```
.text, #text, p{  
    color:rgb(243, 93, 138)  
}
```

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(243, 93, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 93, 138) }
```

Border

The CSS property to change the border of an element to YIQ 142.9800, 74.9550, 45.7950 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(243, 93, 138) }
```


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

```
.border{ border-color:rgb(243, 93, 138) }
```

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

Here you see how a box with a 4 pixel rgb(243, 93, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 93, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 93, 138);  
box-shadow:4px 4px 4px 4px rgb(243, 93,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 142.9800, 74.9550, 45.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 93, 138) }
```

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

```
.background{ background-color: rgb(243, 93,  
138) }
```

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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