

# Converting Colors

YIQ(140.9170, 71.2390, 58.0790)

Have a look what the booklet for  
YIQ(140.9170, 71.2390, 58.0790)  
contains.

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# Color

**YIQ(140.9170, 71.2390,  
58.0790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F554A1
RGB	245, 84, 161
RGB Percent	96%, 33%, 63%
CMY	0.0388, 0.6708, 0.3684
CMYK	0.00, 0.66, 0.34, 0.04
HSL	331°, 89%, 65%
HSV	331°, 66%, 96%
XYZ	47.2977, 28.3376, 36.7214
YIQ	140.9170, 71.2390, 58.0790

# Conversions

## Conversions Part 2

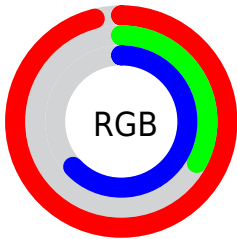
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 84, 161
Decimal	16077985
CIE <sub>Lab</sub>	60.19, 67.80, -7.85
CIE <sub>LCh</sub>	60, 68.257, 353.398
Yxy	28.3376, 0.4210, 0.2522
Android (android.graphics.Color)	4294268065 (0xFFFF554A1)
YUV	140.9170, 9.9009, 91.2808
Hunter-Lab	53.2331, 65.4395, -3.6364

# Details

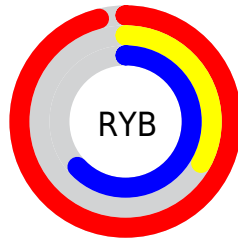
The YIQ color **140.9170, 71.2390, 58.0790** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **188.0830, -71.2390, -58.0790**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.2230, 43.5940, 46.9700**, and **68.1430, 74.0790, 72.6950** is the 20% darker color. If you saturate the color by 10%, you get **124.7600, 82.2870, 67.1110**, and if you desaturate by 10%, it is **156.4870, 60.4660, 49.5700**.

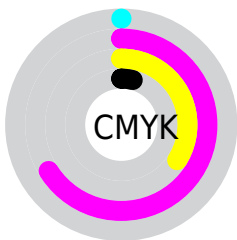
# Distribution



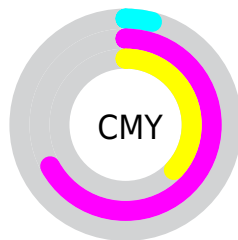
- Red (96%)
- Green (33%)
- Blue (63%)



- Red (96%)
- Yellow (33%)
- Blue (63%)



- Cyan (0%)
- Magenta (66%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (67%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 140.9170, 71.2390, 58.0790 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 140.9170, 71.2390, 58.0790 by changing the saturation by 10% instead.



140.9170, 71.2390,  
58.0790

140.9170, 71.2390,  
58.0790

255.0000, -0.0000,  
-0.0000

110.1990, 70.5050,  
60.3690

184.2230, 43.5940,  
46.9700

68.1430, 74.0790,  
72.6950

204.4380, 26.6310,  
40.5110

56.0350, 65.0950,  
59.2950

223.3020, 14.8500,  
28.2420

44.4430, 54.5980,  
45.7820

240.3250, 6.8750,  
13.0750

33.2640, 44.3760,  
32.7920

23.2100, 35.3000,  
21.0600

11.7750, 22.9230,

8.5790

■ 0.0000, 0.0000,  
0.0000

■ 140.9170, 71.2390,  
58.0790

■ 140.9170, 71.2390,  
58.0790

■ 124.7600, 82.2870,  
67.1110

■ 156.4870, 60.4660,  
49.5700

■ 109.1900, 93.0600,  
75.6200

■ 172.6440, 49.4180,  
40.5380

■ 93.1470, 103.7870,  
84.9630

■ 188.1000, 38.9660,  
31.7180

■ 86.5930, 108.4630,  
88.3270

■ 204.2570, 27.9180,  
22.6860

■ 219.8270, 17.1450,  
14.1770

235.9840, 6.0970,  
5.1450

251.5540, -4.6760,  
-3.3640

252.0100, -5.9600,  
-2.1200

# Harmonies

## Analogous

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



148.6570, 22.1810, 55.0850



140.9170, 71.2390, 58.0790



138.2190, 92.9750, 38.5990

# Triad

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



140.9170, 71.2390, 58.0790



130.0720, 32.7460, -53.8300



126.0900, -123.5610, -12.9130

# Complementary

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



140.9170, 71.2390, 58.0790



188.0830, -71.2390, -58.0790

# 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.



123.3250, -108.8860, -31.0780



140.9170, 71.2390, 58.0790



116.8440, -45.7010, -58.3490

# Square

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



140.9170, 71.2390, 58.0790



136.3210, 72.3100, -32.9540



115.6700, -88.7090, -49.8370



120.6420, -124.7550, -2.2830



# Rectangle

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



140.9170, 71.2390, 58.0790



138.9190, 92.9790, 16.4910



115.6700, -88.7090, -49.8370



125.6680, -119.6170, -18.3130

# Sweetspot

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



140.9170, 71.2390, 58.0790



221.9850, 22.6920, 18.2760



127.1710, -2.2130, 67.6670



107.9790, 13.6610, 11.2370



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.



140.9170, 71.2390, 58.0790



125.0430, 88.9800, 72.4680



133.9000, 95.1310, 32.5630



114.2720, 5.2260, 4.4100



65.7600, 82.2870, 67.1110



20.8330, 26.1760, 21.2160



# Inverse Universe

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



140.9170, 71.2390, 58.0790



125.0430, 88.9800, 72.4680



195.1000, -95.1310, -32.5630



114.2720, 5.2260, 4.4100



65.7600, 82.2870, 67.1110



20.8330, 26.1760, 21.2160



# Previews

## White Background



This preview shows how the YIQ color 140.9170, 71.2390, 58.0790 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 140.9170, 71.2390, 58.0790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

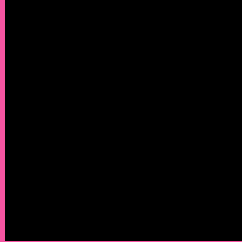
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 140.9170, 71.2390, 58.0790

## Background



This preview shows how black text looks on a background with the YIQ color 140.9170, 71.2390, 58.0790.



This preview shows how white text looks on a background with the YIQ color 140.9170, 71.2390,



# 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

140.9170, 71.2390, 58.0790

### Protanopia

145.7140, -27.8330, 14.3350

### Deuteranopia

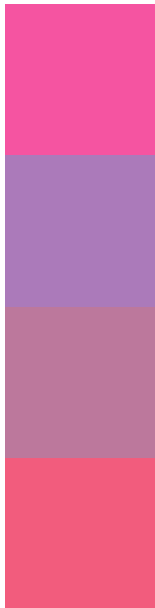
146.8530, 5.0880, 6.9120



## Tritanopia

140.8540, 83.5770, 32.7050

# Trichromacy



## Original Color

140.9170, 71.2390, 58.0790

## Protanomaly

143.9470, 8.6600, 30.2920

## Deuteranomaly

144.4360, 28.9720, 25.6120

## Tritanomaly

140.6120, 78.8070, 42.0630

# Monochromacy



## Original Color

140.9170, 71.2390, 58.0790

## Achromatopsia

141.0000, -0.0000, -0.0000

## Achromatomaly

140.8330, 26.1760, 21.2160

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 140.9170, 71.2390, 58.0790 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(245, 84, 161)` looks like.

```
.text, #text, p{  
    color:rgb(245, 84, 161)  
}
```

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(245, 84, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 84, 161) }
```

## Border

The CSS property to change the border of an element to YIQ 140.9170, 71.2390, 58.0790 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(245, 84, 161) }
```



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

```
.border{ border-color:rgb(245, 84, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 84, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 84, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 84, 161);  
box-shadow:4px 4px 4px 4px rgb(245, 84,  
161) }
```

# Background

The CSS property to change the background color of an element to YIQ 140.9170, 71.2390, 58.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 84, 161) }
```

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

```
.background{ background-color: rgb(245, 84,  
161) }
```

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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