

Converting Colors

YIQ(140.3340, 74.8590, 69.5710)

Have a look what the booklet for
YIQ(140.3340, 74.8590, 69.5710)
contains.

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Color

**YIQ(140.3340, 74.8590,
69.5710)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF4BB0 |
| RGB | 255, 75, 176 |
| RGB Percent | 100%, 29%, 69% |
| CMY | 0.0000, 0.7061, 0.3096 |
| CMYK | 0.00, 0.71, 0.31, 0.00 |
| HSL | 326°, 100%, 65% |
| HSV | 326°, 71%, 100% |
| XYZ | 51.5930, 29.4187, 44.0624 |
| YIQ | 140.3340, 74.8590, 69.5710 |

Conversions

Conversions Part 2

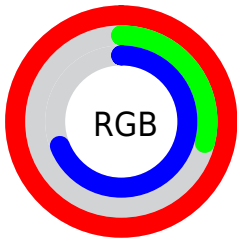
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 75, 176 |
| Decimal | 16731056 |
| CIE _{Lab} | 61.15, 75.33, -14.92 |
| CIE _{LCh} | 61, 76.791, 348.799 |
| Yxy | 29.4187, 0.4125, 0.2352 |
| Android (android.graphics.Color) | 4294921136 (0xFFFF4BB0) |
| YUV | 140.3340, 17.5833, 100.5621 |
| Hunter-Lab | 54.2390, 74.8735, -10.1983 |

Details

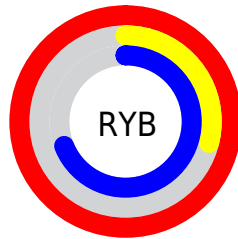
The YIQ color **140.3340, 74.8590, 69.5710** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **189.6660, -74.8590, -69.5710**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5250, 40.1080, 55.0840**, and **72.0280, 76.1410, 79.3810** is the 20% darker color. If you saturate the color by 10%, you get **123.8180, 85.5400, 79.7480**, and if you desaturate by 10%, it is **156.2630, 64.4530, 59.9170**.

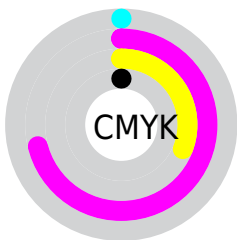
Distribution



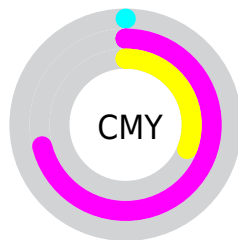
- Red (100%)
- Green (29%)
- Blue (69%)



- Red (100%)
- Yellow (29%)
- Blue (69%)



- Cyan (0%)
- Magenta (71%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.3340, 74.8590, 69.5710 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 140.3340, 74.8590, 69.5710 by changing the saturation by 10% instead.

140.3340, 74.8590,
69.5710

140.3340, 74.8590,
69.5710

255.0000, -0.0000,
-0.0000

105.6810, 75.5000,
74.4760

182.5250, 40.1080,
55.0840

72.0280, 76.1410,
79.3810

202.7570, 24.4750,
46.5470

60.3220, 65.9650,
65.5570

220.3670, 16.2250,
30.8570

48.6160, 55.7890,
51.7330

237.9770, 7.9750,
15.1670

37.0240, 45.2920,
38.2200

26.5570, 35.9410,
25.9650

14.5800, 27.9660,

10.7980

■ 0.0000, 0.0000,
0.0000

■ 140.3340, 74.8590,
69.5710

■ 140.3340, 74.8590,
69.5710

■ 123.8180, 85.5400,
79.7480

■ 156.2630, 64.4530,
59.9170

■ 107.8890, 95.9460,
89.4020

■ 172.7790, 53.7720,
49.7400

■ 92.5470, 106.0770,
98.5330

■ 188.8220, 43.0450,
40.3970

■ 205.3380, 32.3640,
30.2200

■ 221.2670, 21.9580,
20.5660

237.7830, 11.2770,
10.3890

253.7120, 0.8710,
0.7350

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.



150.9260, 14.2940, 60.3580



140.3340, 74.8590, 69.5710



131.9950, 96.9620, 48.9460

Triad

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



140.3340, 74.8590, 69.5710



133.1220, 38.4770, -53.0670



130.5240, -127.7790, -13.5630

Complementary

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



140.3340, 74.8590, 69.5710



189.6660, -74.8590, -69.5710

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.



126.1460, -109.9400, -34.0040



140.3340, 74.8590, 69.5710



117.2220, -38.3180, -65.5020

Square

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



140.3340, 74.8590, 69.5710



138.7460, 81.4790, -28.4170



116.8780, -86.5990, -55.0390



124.7510, -126.6800, -5.9440

Rectangle

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



140.3340, 74.8590, 69.5710



137.9470, 104.9440, 25.4240



116.8780, -86.5990, -55.0390



129.7600, -122.8720, -19.8960

Sweetspot

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



140.3340, 74.8590, 69.5710



220.6800, 22.2330, 21.0890



118.8420, -11.2920, 72.5160



107.6200, 13.2940, 12.3820



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.



140.3340, 74.8590, 69.5710



116.7910, 90.1700, 83.9460



130.1880, 103.4280, 41.8920



119.6850, 5.5010, 4.9330



69.3070, 79.4890, 73.7690



23.2400, 26.5880, 24.7640

Inverse Universe

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



140.3340, 74.8590, 69.5710



116.7910, 90.1700, 83.9460



199.8120, -103.4280, -41.8920



119.6850, 5.5010, 4.9330



69.3070, 79.4890, 73.7690



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 140.3340, 74.8590, 69.5710 looks on a white background.

Color Contrast Check

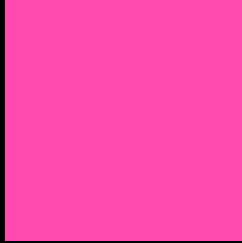
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.3340, 74.8590, 69.5710 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 140.3340, 74.8590, 69.5710

Background



This preview shows how black text looks on a background with the YIQ color 140.3340, 74.8590, 69.5710.



This preview shows how white text looks on a background with the YIQ color 140.3340, 74.8590,

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

140.3340, 74.8590, 69.5710

Protanopia

146.4600, -41.4970, 19.6790

Deuteranopia

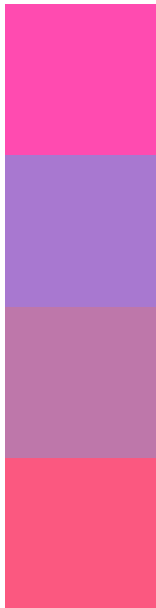
149.3130, -2.0190, 9.0610



Tritanopia

141.7300, 89.8580, 34.5140

Trichromacy



Original Color

140.3340, 74.8590, 69.5710

Protanomaly

144.3840, 0.3600, 37.5440

Deuteranomaly

146.0430, 25.9450, 30.9130

Tritanomaly

141.2970, 84.3080, 46.9960

Monochromacy



Original Color

140.3340, 74.8590, 69.5710

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9520, 27.4590, 25.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.3340, 74.8590, 69.5710 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, 75, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 176)  
}
```

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, 75, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 176) }
```

Border

The CSS property to change the border of an element to YIQ 140.3340, 74.8590, 69.5710 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, 75, 176) }
```


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

```
.border{ border-color:rgb(255, 75, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 75, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 140.3340, 74.8590, 69.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 176) }
```

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

```
.background{ background-color: rgb(255, 75,  
176) }
```

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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