

Converting Colors

YIQ(140.5350, 69.6790, 64.3270)

Have a look what the booklet for
YIQ(140.5350, 69.6790, 64.3270)
contains.

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Color

**YIQ(140.5350, 69.6790,
64.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	F750AD
RGB	247, 80, 173
RGB Percent	97%, 31%, 68%
CMY	0.0309, 0.6865, 0.3214
CMYK	0.00, 0.68, 0.30, 0.03
HSL	327°, 91%, 64%
HSV	327°, 68%, 97%
XYZ	48.8101, 28.5415, 42.4981
YIQ	140.5350, 69.6790, 64.3270

Conversions

Conversions Part 2

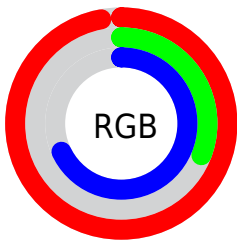
Format	Color
R _Y B	247, 80, 173
Decimal	16208045
CIE _{Lab}	60.37, 71.20, -14.48
CIE _{LCh}	60, 72.656, 348.504
Yxy	28.5415, 0.4073, 0.2381
Android (android.graphics.Color)	4294398125 (0xFFFF750AD)
YUV	140.5350, 16.0052, 93.3698
Hunter-Lab	53.4242, 69.5910, -9.7672

Details

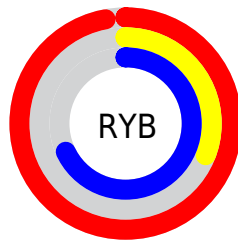
The YIQ color **140.5350, 69.6790, 64.3270** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **186.4650, -69.6790, -64.3270**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4170, 40.2920, 51.7480**, and **69.4080, 72.0150, 77.0630** is the 20% darker color. If you saturate the color by 10%, you get **124.6060, 80.0850, 73.9810**, and if you desaturate by 10%, it is **156.4640, 59.2730, 54.6730**.

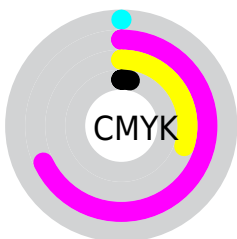
Distribution



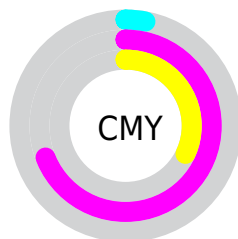
- Red (97%)
- Green (31%)
- Blue (68%)



- Red (97%)
- Yellow (31%)
- Blue (68%)



- Cyan (0%)
- Magenta (68%)
- Yellow (30%)
- Black (3%)





- Cyan (3%)
- Magenta (69%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 140.5350, 69.6790, 64.3270 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 140.5350, 69.6790, 64.3270 by changing the saturation by 10% instead.


 140.5350, 69.6790,
64.3270


 140.5350, 69.6790,
64.3270


255.0000, -0.0000,
-0.0000


 108.5290, 69.8160,
67.3520


 183.9440, 40.2460,
52.5820


 69.4080, 72.0150,
77.0630


 204.5180, 23.6500,
44.9780


 57.8870, 62.7560,
63.1400

 221.5410, 15.6750,
29.8110

 46.1810, 52.5800,
49.3160

 239.1510, 7.4250,
14.1210

 34.8880, 42.6790,
36.0150

 24.8340, 33.6030,
24.2830

 12.6720, 24.7110,

9.2150

■ 0.0000, 0.0000,
0.0000

■ 140.5350, 69.6790,
64.3270

■ 140.5350, 69.6790,
64.3270

■ 124.6060, 80.0850,
73.9810

■ 156.4640, 59.2730,
54.6730

■ 109.2640, 90.2160,
83.1120

■ 171.8060, 49.1420,
45.5420

■ 93.3350, 100.6220,
92.7660

■ 187.7350, 38.7360,
35.8880

■ 89.5850, 102.9140,
95.2820

■ 203.6640, 28.3300,
26.2340

■ 219.0060, 18.1990,
17.1030

234.9350, 7.7930,
7.4490

250.8640, -2.6130,
-2.2050

252.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



149.2200, 13.2860, 56.5980



140.5350, 69.6790, 64.3270



135.0440, 95.2660, 46.6420

Triad

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



140.5350, 69.6790, 64.3270



131.3610, 39.3020, -51.4980



127.8510, -124.3860, -14.4820

Complementary

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



140.5350, 69.6790, 64.3270



186.4650, -69.6790, -64.3270

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.



123.8150, -107.5100, -33.9900



140.5350, 69.6790, 64.3270



119.2060, -32.2210, -60.3570

Square

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



140.5350, 69.6790, 64.3270



136.9630, 79.3700, -28.7420



115.0030, -85.4530, -53.7810



122.9900, -125.8550, -4.3750

Rectangle

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



140.5350, 69.6790, 64.3270



137.7830, 99.5340, 24.3500



115.0030, -85.4530, -53.7810



127.0870, -119.4790, -20.8150

Sweetspot

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



140.5350, 69.6790, 64.3270



222.4410, 21.4080, 19.5200



120.5660, -10.6950, 67.2010



108.2070, 13.0190, 11.8590



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.



140.5350, 69.6790, 64.3270



123.0030, 86.4570, 79.6490



131.1870, 96.0010, 38.8250



114.3860, 4.9050, 4.7210



67.4700, 77.4720, 71.7760



21.4030, 24.5710, 22.7710

Inverse Universe

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



140.5350, 69.6790, 64.3270



123.0030, 86.4570, 79.6490



195.8130, -96.0010, -38.8250



114.3860, 4.9050, 4.7210



67.4700, 77.4720, 71.7760



21.4030, 24.5710, 22.7710

Previews

White Background



This preview shows how the YIQ color 140.5350, 69.6790, 64.3270 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 140.5350, 69.6790, 64.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

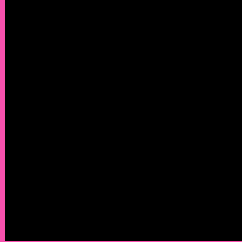
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.5350, 69.6790, 64.3270

Background



This preview shows how black text looks on a background with the YIQ color 140.5350, 69.6790, 64.3270.



This preview shows how white text looks on a background with the YIQ color 140.5350, 69.6790,

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

140.5350, 69.6790, 64.3270

Protanopia

144.6730, -37.7830, 18.4490

Deuteranopia

147.1990, -1.6980, 8.7500



Tritanopia

141.7400, 83.8980, 32.3940

Trichromacy



Original Color

140.5350, 69.6790, 64.3270



Protanomaly

143.1020, 1.0940, 35.2540



Deuteranomaly

144.5050, 24.5240, 29.1320



Tritanomaly

141.0790, 78.9900, 44.2540

Monochromacy



Original Color

140.5350, 69.6790, 64.3270



Achromatopsia

141.0000, -0.0000, -0.0000



Achromatomaly

141.1150, 25.4420, 23.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.5350, 69.6790, 64.3270 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(247, 80, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 80, 173)  
}
```

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(247, 80, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 80, 173) }
```

Border

The CSS property to change the border of an element to YIQ 140.5350, 69.6790, 64.3270 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(247, 80, 173) }
```


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

```
.border{ border-color:rgb(247, 80, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 80, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 80, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 80, 173);  
box-shadow:4px 4px 4px 4px rgb(247, 80,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 140.5350, 69.6790, 64.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 80, 173) }
```

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

```
.background{ background-color: rgb(247, 80,  
173) }
```

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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