

Converting Colors

YIQ(139.9260, 58.9930, 81.7850)

Have a look what the booklet for
YIQ(139.9260, 58.9930, 81.7850)
contains.

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Color

**YIQ(139.9260, 58.9930,
81.7850)**

Conversions

Conversions Part 1

Format	Color
Hex	F747D6
RGB	247, 71, 214
RGB Percent	97%, 28%, 84%
CMY	0.0309, 0.7218, 0.1607
CMYK	0.00, 0.71, 0.13, 0.03
HSL	311°, 92%, 62%
HSV	311°, 71%, 97%
XYZ	52.7936, 29.1515, 66.4837
YIQ	139.9260, 58.9930, 81.7850

Conversions

Conversions Part 2

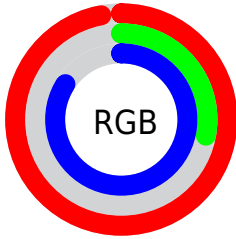
Format	Color
R _Y B	247, 71, 214
Decimal	16205782
CIE _{Lab}	60.92, 79.48, -37.06
CIE _{LCh}	61, 87.695, 335.000
Y _{xy}	29.1515, 0.3557, 0.1964
Android (android.graphics.Color)	4294395862 (0xFFFF747D6)
Y _{UV}	139.9260, 36.5185, 93.9039
Hunter-Lab	53.9921, 80.0516, -35.2128

Details

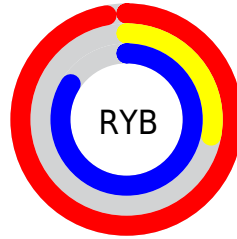
The YIQ color **139.9260, 58.9930, 81.7850** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **178.0740, -58.9930, -81.7850**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 33.2750, 63.2830**, and **74.0390, 60.4130, 89.0930** is the 20% darker color. If you saturate the color by 10%, you get **124.6810, 67.4730, 93.3050**, and if you desaturate by 10%, it is **155.1710, 50.5130, 70.2650**.

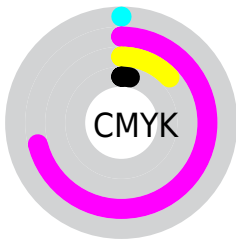
Distribution



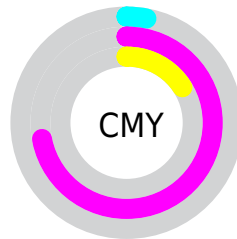
- Red (97%)
- Green (28%)
- Blue (84%)



- Red (97%)
- Yellow (28%)
- Blue (84%)



- Cyan (0%)
- Magenta (71%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (72%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.9260, 58.9930, 81.7850 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 139.9260, 58.9930, 81.7850 by changing the saturation by 10% instead.

139.9260, 58.9930,
81.7850

139.9260, 58.9930,
81.7850

255.0000, -0.0000,
-0.0000

103.6970, 61.3760,
88.1600

183.3860, 33.5500,
63.8060

74.0390, 60.4130,
89.0930

200.9960, 25.3000,
48.1160

61.9910, 51.2000,
74.3360

218.6060, 17.0500,
32.4260

50.4700, 41.9410,
60.4130

236.2160, 8.8000,
16.7360

38.9490, 32.6820,
46.4900

254.4130, 0.2750,
0.5230

28.5530, 24.5690,
33.8250

16.9610, 14.0720,

20.3120

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 139.9260, 58.9930,
81.7850

■ 139.9260, 58.9930,
81.7850

■ 124.6810, 67.4730,
93.3050

■ 155.1710, 50.5130,
70.2650

■ 110.1370, 75.3570,
104.6130

■ 169.7150, 42.6290,
58.9570

■ 96.7670, 82.6910,
114.8750

■ 184.9600, 34.1490,
47.4370

■ 200.2050, 25.6690,
35.9170

215.3360, 17.5100,
24.0860

229.9940, 9.3050,
13.0890

245.2390, 0.8250,
1.5690

252.1520, -3.4840,
-2.9400

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.



146.1650, -20.4120, 50.5640



139.9260, 58.9930, 81.7850



111.9350, 98.3320, 79.1960

Triad

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



139.9260, 58.9930, 81.7850



136.5100, 58.2360, -42.2120



131.8630, -124.6600, -20.5320

Complementary

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



139.9260, 58.9930, 81.7850



178.0740, -58.9930, -81.7850

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.



123.6720, -100.2180, -45.0020



139.9260, 58.9930, 81.7850



122.5470, 2.9470, -69.9570

Square

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



139.9260, 58.9930, 81.7850



136.8510, 103.7130, -12.8550



111.9760, -72.7960, -68.4120



130.0340, -129.1550, -10.6510

Rectangle

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



139.9260, 58.9930, 81.7850



119.6220, 108.3780, 51.3060



111.9760, -72.7960, -68.4120



129.7140, -117.2310, -28.5190

Sweetspot

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



139.9260, 58.9930, 81.7850



222.1620, 18.0600, 25.1320



100.6320, -37.4240, 61.5200



108.5320, 10.7260, 14.8700



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.



139.9260, 58.9930, 81.7850



121.7730, 73.3860, 101.7860



130.0080, 86.9200, 54.7280



114.7280, 3.9420, 5.6540



72.8280, 62.3850, 86.3930



23.1130, 19.7560, 27.4360

Inverse Universe

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



139.9260, 58.9930, 81.7850



121.7730, 73.3860, 101.7860



187.9920, -86.9200, -54.7280



114.7280, 3.9420, 5.6540



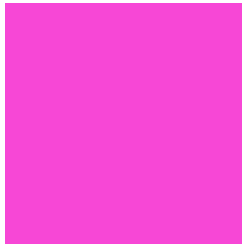
72.8280, 62.3850, 86.3930



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 139.9260, 58.9930, 81.7850 looks on a white background.

Color Contrast Check

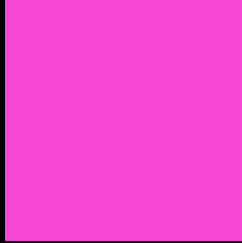
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.9260, 58.9930, 81.7850 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 139.9260, 58.9930, 81.7850

Background



This preview shows how black text looks on a background with the YIQ color 139.9260, 58.9930, 81.7850.



This preview shows how white text looks on a background with the YIQ color 139.9260, 58.9930,

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

139.9260, 58.9930, 81.7850

Protanopia

142.6010, -63.6430, 24.5570

Deuteranopia

146.8280, -28.1540, 14.6460



Tritanopia

144.5650, 77.0210, 30.3730

Trichromacy



Original Color

139.9260, 58.9930, 81.7850



Protanomaly

141.4870, -18.6230, 45.6730



Deuteranomaly

144.2920, 3.6150, 39.1270



Tritanomaly

142.9350, 70.8280, 49.0040

Monochromacy



Original Color

139.9260, 58.9930, 81.7850



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.0640, 21.4520, 29.7400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.9260, 58.9930, 81.7850 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, 71, 214)` looks like.

```
.text, #text, p{  
    color:rgb(247, 71, 214)  
}
```

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, 71, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 71, 214) }
```

Border

The CSS property to change the border of an element to YIQ 139.9260, 58.9930, 81.7850 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, 71, 214) }
```


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

```
.border{ border-color:rgb(247, 71, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 71, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 71, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 71, 214);  
box-shadow:4px 4px 4px 4px rgb(247, 71,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 139.9260, 58.9930, 81.7850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 71, 214) }
```

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

```
.background{ background-color: rgb(247, 71,  
214) }
```

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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