

Converting Colors

YIQ(179.6290, 53.7740, 38.6860)

Have a look what the booklet for
YIQ(179.6290, 53.7740, 38.6860)
contains.

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Color

**YIQ(179.6290, 53.7740,
38.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CBA
RGB	255, 140, 186
RGB Percent	100%, 55%, 73%
CMY	0.0000, 0.4511, 0.2704
CMYK	0.00, 0.45, 0.27, 0.00
HSL	336°, 100%, 77%
HSV	336°, 45%, 100%
XYZ	59.4788, 43.5492, 51.7506
YIQ	179.6290, 53.7740, 38.6860

Conversions

Conversions Part 2

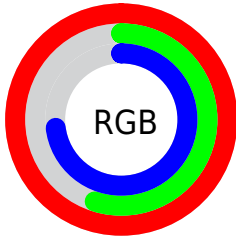
Format	Color
R _Y B	255, 140, 186
Decimal	16747706
CIE Lab	71.93, 48.68, -4.48
CIE LCh	72, 48.887, 354.738
Yxy	43.5492, 0.3843, 0.2814
Android (android.graphics.Color)	4294937786 (0xFFFF8CBA)
YUV	179.6290, 3.1409, 66.1004
Hunter-Lab	65.9918, 45.3974, -0.3008

Details

The YIQ color **179.6290, 53.7740, 38.6860** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.3710, -53.7740, -38.6860**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.8850, 20.3980, 26.8140**, and **124.2480, 50.4730, 37.9370** is the 20% darker color. If you saturate the color by 10%, you get **162.6570, 65.7390, 47.6190**, and if you desaturate by 10%, it is **196.0140, 42.0840, 30.2760**.

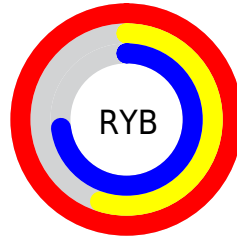
Distribution



Red (100%)

Green (55%)

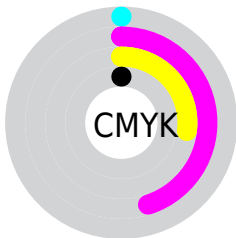
Blue (73%)



Red (100%)

Yellow (55%)

Blue (73%)

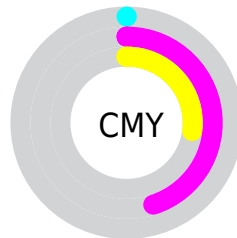


Cyan (0%)

Magenta (45%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 179.6290, 53.7740, 38.6860 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 179.6290, 53.7740, 38.6860 by changing the saturation by 10% instead.


 179.6290, 53.7740,
38.6860

 179.6290, 53.7740,
38.6860


255.0000, -0.0000,
-0.0000

 151.7320, 51.9860,
38.0500


 218.8850, 20.3980,
26.8140


 124.2480, 50.4730,
37.9370


 236.8030, 8.5250,
16.2130

 96.8780, 48.6390,
38.1350

254.4130, 0.2750,
0.5230

 69.3340, 47.3550,
39.3790

 40.1430, 46.5750,
42.5030

 29.5620, 37.5450,
29.9370

 19.6930, 29.3860,

18.1060

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 179.6290, 53.7740,
38.6860

■ 179.6290, 53.7740,
38.6860

■ 162.6570, 65.7390,
47.6190

■ 196.0140, 42.0840,
30.2760

■ 146.1580, 77.7500,
55.7180

■ 213.1000, 29.7980,
21.6540

■ 129.1860, 89.7150,
64.6510

■ 229.4850, 18.1080,
13.2440

■ 112.8010,
101.4050, 73.0610

■ 246.4570, 6.1430,
4.3110

■ 95.8290, 113.3700, 255.0000, -0.0000,
81.9940 -0.0000

■ 87.8730, 119.2380,
85.7820

Harmonies

Analogous

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



181.6050, 18.7910, 39.4230



179.6290, 53.7740, 38.6860



175.6730, 67.6690, 23.6450

Triad

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



179.6290, 53.7740, 38.6860



168.7170, 18.5290, -32.9510



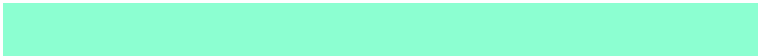
142.1500, -132.9580, -24.3340

Complementary

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



179.6290, 53.7740, 38.6860



215.3710, -53.7740, -38.6860

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.



140.9810, -122.7770, -38.1450



179.6290, 53.7740, 38.6860



161.6870, -25.4850, -39.2530

Square

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



179.6290, 53.7740, 38.6860



172.8570, 50.8500, -18.4780



138.2430, -103.5640, -50.4440



160.4110, -84.5000, 0.5560

Rectangle

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



179.6290, 53.7740, 38.6860



176.2090, 71.4310, 10.5270



138.2430, -103.5640, -50.4440



142.1840, -130.2980, -28.4900

Sweetspot

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



179.6290, 53.7740, 38.6860



231.4740, 16.6410, 12.2970



173.1430, 3.0170, 49.9690



113.6040, 10.2230, 7.4630



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.



179.6290, 53.7740, 38.6860



164.5320, 64.5930, 46.3610



180.2550, 65.7900, 19.1500



119.4570, 6.1430, 4.3110



65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Inverse Universe

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



179.6290, 53.7740, 38.6860



164.5320, 64.5930, 46.3610



214.7450, -65.7900, -19.1500



119.4570, 6.1430, 4.3110



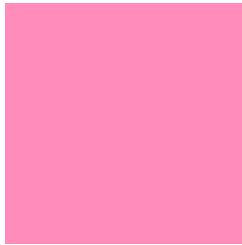
65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 179.6290, 53.7740, 38.6860 looks on a white background.

Color Contrast Check

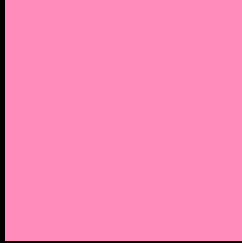
Large Text (above 18pt) WCAG AA × Fail

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 179.6290, 53.7740, 38.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

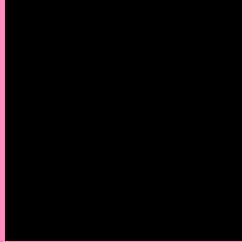
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.6290, 53.7740, 38.6860

Background



This preview shows how black text looks on a background with the YIQ color 179.6290, 53.7740, 38.6860.



This preview shows how white text looks on a background with the YIQ color 179.6290, 53.7740,

38.6860.

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

179.6290, 53.7740, 38.6860

Protanopia

177.2670, -13.5730, 9.2030

Deuteranopia

178.4190, 9.3060, 7.5620



Tritanopia

178.2470, 60.2410, 26.1050

Trichromacy



Original Color

179.6290, 53.7740, 38.6860



Protanomaly

177.9930, 11.0460, 20.0860



Deuteranomaly

179.0670, 25.3970, 18.8130



Tritanomaly

178.6260, 57.8560, 30.7840

Monochromacy



Original Color

179.6290, 53.7740, 38.6860



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

179.4960, 19.5750, 14.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.6290, 53.7740, 38.6860 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, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 186)  
}
```

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, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 186) }
```

Border

The CSS property to change the border of an element to YIQ 179.6290, 53.7740, 38.6860 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, 140, 186) }
```


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

```
.border{ border-color:rgb(255, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 179.6290, 53.7740, 38.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 186) }
```

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

```
.background{ background-color: rgb(255,  
140, 186) }
```

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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