

Converting Colors

YIQ(161.3980, 59.6390, 59.0550)

Have a look what the booklet for
YIQ(161.3980, 59.6390, 59.0550)
contains.

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Color

**YIQ(161.3980, 59.6390,
59.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BC4
RGB	255, 107, 196
RGB Percent	100%, 42%, 77%
CMY	0.0000, 0.5806, 0.2312
CMYK	0.00, 0.58, 0.23, 0.00
HSL	324°, 100%, 71%
HSV	324°, 58%, 100%
XYZ	56.4599, 35.7499, 56.1747
YIQ	161.3980, 59.6390, 59.0550

Conversions

Conversions Part 2

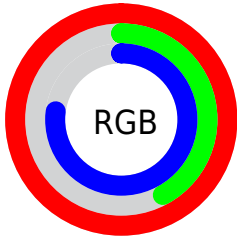
Format	Color
R_{YB}	255, 107, 196
Decimal	16739268
CIE _{Lab}	66.33, 65.45, -18.46
CIE _{LCh}	66, 68.001, 344.247
Yxy	35.7499, 0.3805, 0.2409
Android (android.graphics.Color)	4294929348 (0xFFFF6BC4)
YUV	161.3980, 17.0588, 82.0890
Hunter-Lab	59.7913, 63.9200, -13.8499

Details

The YIQ color **161.3980, 59.6390, 59.0550** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **200.6020, -59.6390, -59.0550**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.3550, 25.6670, 46.9710**, and **101.4950, 57.9880, 61.4440** is the 20% darker color. If you saturate the color by 10%, you get **144.9960, 69.9990, 69.5430**, and if you desaturate by 10%, it is **177.2130, 49.5540, 49.0900**.

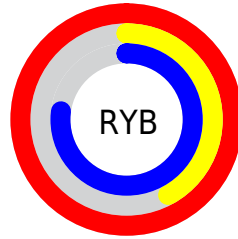
Distribution



Red (100%)

Green (42%)

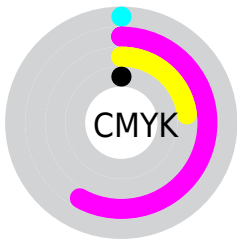
Blue (77%)



Red (100%)

Yellow (42%)

Blue (77%)

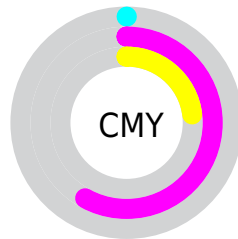


Cyan (0%)

Magenta (58%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (58%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 161.3980, 59.6390, 59.0550 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 161.3980, 59.6390, 59.0550 by changing the saturation by 10% instead.

 161.3980, 59.6390,
59.0550


 161.3980, 59.6390,
59.0550


255.0000, -0.0000,
-0.0000

 132.3270, 58.4010,
59.4650


 201.3550, 25.6670,
46.9710

 101.4950, 57.9880,
61.4440


 218.6060, 17.0500,
32.4260


 62.9720, 61.3790,
71.5790

 235.6290, 9.0750,
17.2590

 51.4510, 52.1200,
57.6560

 253.2390, 0.8250,
1.5690

 40.0440, 42.5400,
44.0440

 29.1640, 32.9140,
31.2660

 18.9960, 24.1590,

19.2230

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 161.3980, 59.6390,
59.0550

■ 161.3980, 59.6390,
59.0550

■ 144.9960, 69.9990,
69.5430

■ 177.2130, 49.5540,
49.0900

■ 129.1810, 80.0840,
79.5080

■ 193.6150, 39.1940,
38.6020

■ 112.7790, 90.4440,
89.9960

■ 209.5440, 28.7880,
28.9480

■ 96.8500, 100.8500,
99.6500

■ 225.9460, 18.4280,
18.4600

■ 93.6870, 102.8670,
101.6430

■ 241.7610, 8.3430,
8.4950

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.



166.0830, 3.2460, 51.3260



161.3980, 59.6390, 59.0550



151.5090, 80.5950, 42.6990

Triad

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



161.3980, 59.6390, 59.0550



149.2310, 45.7200, -46.6640



137.6990, -130.0700, -21.6060

Complementary

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



161.3980, 59.6390, 59.0550



200.6020, -59.6390, -59.0550

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.



133.1900, -113.2400, -40.2800



161.3980, 59.6390, 59.0550



141.9910, -15.2580, -53.8980

Square

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



161.3980, 59.6390, 59.0550



155.0050, 79.5520, -21.0240



124.7200, -92.1460, -59.1380



132.9690, -130.5300, -13.2660

Rectangle

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



161.3980, 59.6390, 59.0550



153.5200, 90.0890, 24.8170



124.7200, -92.1460, -59.1380



137.0490, -125.4840, -27.6280

Sweetspot

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



161.3980, 59.6390, 59.0550



227.8210, 17.2820, 17.2020



140.9150, -13.5360, 58.1120



111.4840, 10.6810, 10.1770



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.



161.3980, 59.6390, 59.0550



142.4200, 71.7410, 71.0130



153.1900, 82.7510, 36.6630



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Inverse Universe

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



161.3980, 59.6390, 59.0550



142.4200, 71.7410, 71.0130



208.8100, -82.7510, -36.6630



119.6850, 5.5010, 4.9330



70.2190, 76.9210, 76.2570



23.4680, 25.9460, 25.3860

Previews

White Background



This preview shows how the YIQ color 161.3980, 59.6390, 59.0550 looks on a white background.

Color Contrast Check

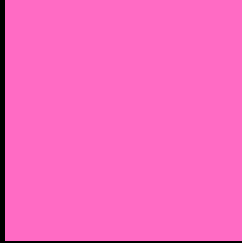
Large Text (above 18pt) WCAG AA × Fail

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 161.3980, 59.6390, 59.0550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

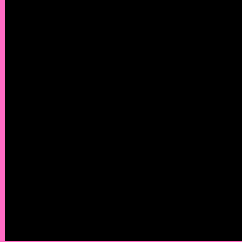
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.3980, 59.6390, 59.0550

Background



This preview shows how black text looks on a background with the YIQ color 161.3980, 59.6390, 59.0550.



This preview shows how white text looks on a background with the YIQ color 161.3980, 59.6390,

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

161.3980, 59.6390, 59.0550

Protanopia

160.9720, -37.1870, 18.6610

Deuteranopia

163.5130, -5.4580, 10.8140



Tritanopia

160.9990, 72.8030, 29.7230

Trichromacy



Original Color

161.3980, 59.6390, 59.0550



Protanomaly

161.0800, -1.8400, 33.3600



Deuteranomaly

162.5690, 18.4720, 28.6800



Tritanomaly

161.3980, 67.6660, 40.2260

Monochromacy



Original Color

161.3980, 59.6390, 59.0550



Achromatopsia

161.0000, -0.0000, -0.0000



Achromatomaly

160.9080, 21.5910, 21.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.3980, 59.6390, 59.0550 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, 107, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 196)  
}
```

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, 107, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 196) }
```

Border

The CSS property to change the border of an element to YIQ 161.3980, 59.6390, 59.0550 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, 107, 196) }
```


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

```
.border{ border-color:rgb(255, 107, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 161.3980, 59.6390, 59.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 196) }
```

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

```
.background{ background-color: rgb(255,  
107, 196) }
```

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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