

Converting Colors

YIQ(195.7180, 37.4060, 37.9660)

Have a look what the booklet for
YIQ(195.7180, 37.4060, 37.9660)
contains.

YIQ(195.7180, 37.4060, 37.9660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(195.7180, 37.4060,
37.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1DB
RGB	255, 161, 219
RGB Percent	100%, 63%, 86%
CMY	0.0000, 0.3688, 0.1411
CMYK	0.00, 0.37, 0.14, 0.00
HSL	323°, 100%, 82%
HSV	323°, 37%, 100%
XYZ	66.7677, 51.8518, 73.5254
YIQ	195.7180, 37.4060, 37.9660

Conversions

Conversions Part 2

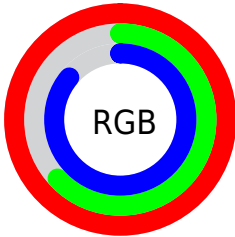
Format	Color
R _Y B	255, 161, 219
Decimal	16753115
CIE Lab	77.19, 42.78, -14.79
CIE LCh	77, 45.267, 340.932
Yxy	51.8518, 0.3475, 0.2699
Android (android.graphics.Color)	4294943195 (0xFFFFA1DB)
YUV	195.7180, 11.4780, 51.9903
Hunter-Lab	72.0082, 39.4948, -10.1335

Details

The YIQ color **195.7180, 37.4060, 37.9660** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **220.2820, -37.4060, -37.9660**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.6940, 10.4500, 19.8740**, and **140.4080, 35.3430, 36.8070** is the 20% darker color. If you saturate the color by 10%, you get **179.3160, 47.7660, 48.4540**, and if you desaturate by 10%, it is **211.5330, 27.3210, 28.0010**.

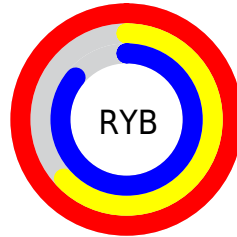
Distribution



Red (100%)

Green (63%)

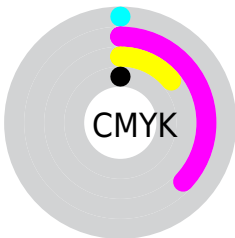
Blue (86%)



Red (100%)

Yellow (63%)

Blue (86%)

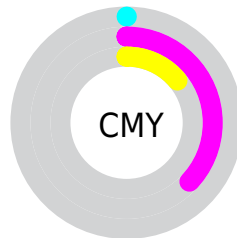


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 195.7180, 37.4060, 37.9660 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 195.7180, 37.4060, 37.9660 by changing the saturation by 10% instead.


 195.7180, 37.4060,
37.9660


 195.7180, 37.4060,
37.9660


255.0000, -0.0000,
-0.0000


 168.0060, 36.5350,
37.2310


 232.6940, 10.4500,
19.8740


 140.4080, 35.3430,
36.8070

 249.7170, 2.4750,
4.7070

 113.8100, 34.1510,
36.3830

 87.7990, 32.6840,
35.4360

 61.1410, 31.7210,
36.3690

 33.6080, 31.9040,
38.5600

 23.3260, 23.4700,

26.2060

■ 14.4680, 16.7780,
15.3220

■ 0.0000, 0.0000,
0.0000

■ 195.7180, 37.4060,
37.9660

■ 195.7180, 37.4060,
37.9660

■ 179.3160, 47.7660,
48.4540

■ 211.5330, 27.3210,
28.0010

■ 163.6150, 57.5300,
58.7300

■ 227.9350, 16.9610,
17.5130

■ 147.2130, 67.8900,
69.2180

■ 243.6360, 7.1970,
7.2370

■ 131.3980, 77.9750,
79.1830

■ 255.0000, -0.0000,
-0.0000

■ 114.9960, 88.3350,
89.6710

■ 99.1810, 98.4200,
99.6360

■ 94.1430, 101.5830,
102.8870

Harmonies

Analogous

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



195.3790, -1.2440, 33.5720



195.7180, 37.4060, 37.9660



188.5820, 51.9880, 26.9960

Triad

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



195.7180, 37.4060, 37.9660



185.8870, 32.9700, -24.8380



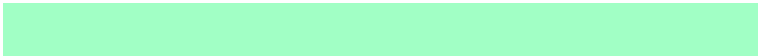
151.0860, -136.0740, -33.9460

Complementary

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



195.7180, 37.4060, 37.9660



220.2820, -37.4060, -37.9660

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.



148.4010, -124.3800, -47.6440



195.7180, 37.4060, 37.9660



180.7560, -3.5700, -34.4340

Square

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



195.7180, 37.4060, 37.9660



189.6010, 57.8630, -7.9050



172.5240, -49.8310, -38.5590



167.9760, -96.8770, -11.9250

Rectangle

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



195.7180, 37.4060, 37.9660



187.8520, 59.5550, 16.5070



172.5240, -49.8310, -38.5590



150.8920, -132.7720, -38.7240

Sweetspot

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



195.7180, 37.4060, 37.9660



237.3100, 11.2310, 11.2230



181.8820, -9.9100, 36.4420



117.2230, 6.9220, 6.7140



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.



195.7180, 37.4060, 37.9660



184.3540, 44.6030, 45.2030



190.5880, 51.8510, 23.9710



119.7990, 5.1800, 5.2440



70.5610, 75.9580, 77.1900



23.5820, 25.6250, 25.6970

Inverse Universe

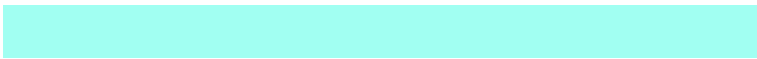
The Inverse Universe completely reimagines the original color for something new.



195.7180, 37.4060, 37.9660



184.3540, 44.6030, 45.2030



225.4120, -51.8510, -23.9710



119.7990, 5.1800, 5.2440



70.5610, 75.9580, 77.1900



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 195.7180, 37.4060, 37.9660 looks on a white background.

Color Contrast Check

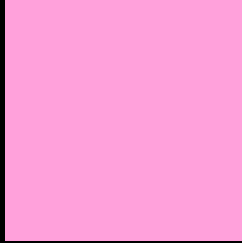
Large Text (above 18pt) WCAG AA × Fail

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 195.7180, 37.4060, 37.9660 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 195.7180, 37.4060, 37.9660

Background



This preview shows how black text looks on a background with the YIQ color 195.7180, 37.4060, 37.9660.



This preview shows how white text looks on a background with the YIQ color 195.7180, 37.4060,

37.9660.

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

195.7180, 37.4060, 37.9660

Protanopia

191.5960, -21.6890, 13.1190

Deuteranopia

193.1930, -1.5610, 11.7750



Tritanopia

194.2990, 45.2950, 21.6390

Trichromacy



Original Color

195.7180, 37.4060, 37.9660



Protanomaly

193.3000, -0.0040, 22.1080



Deuteranomaly

194.0040, 12.5130, 21.0330



Tritanomaly

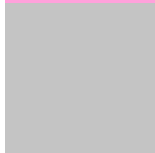
194.4330, 42.2220, 27.7740

Monochromacy



Original Color

195.7180, 37.4060, 37.9660



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

195.5600, 13.5230, 13.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.7180, 37.4060, 37.9660 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, 161, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 219)  
}
```

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, 161, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 219) }
```

Border

The CSS property to change the border of an element to YIQ 195.7180, 37.4060, 37.9660 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, 161, 219) }
```


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

```
.border{ border-color:rgb(255, 161, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 195.7180, 37.4060, 37.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 219) }
```

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

```
.background{ background-color: rgb(255,  
161, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor