

Converting Colors

YIQ(189.7340, 40.4770, 42.8850)

Have a look what the booklet for
YIQ(189.7340, 40.4770, 42.8850)
contains.

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Color

**YIQ(189.7340, 40.4770,
42.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97DA
RGB	255, 151, 218
RGB Percent	100%, 59%, 85%
CMY	0.0000, 0.4080, 0.1450
CMYK	0.00, 0.41, 0.14, 0.00
HSL	321°, 100%, 80%
HSV	321°, 41%, 100%
XYZ	64.9581, 48.4426, 72.2754
YIQ	189.7340, 40.4770, 42.8850

Conversions

Conversions Part 2

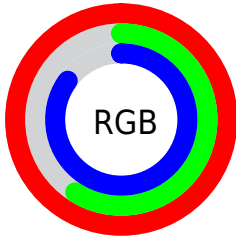
Format	Color
R_{YB}	255, 151, 218
Decimal	16750554
CIE _{Lab}	75.10, 47.73, -17.39
CIE _{LCh}	75, 50.804, 339.983
Yxy	48.4426, 0.3498, 0.2609
Android (android.graphics.Color)	4294940634 (0xFFFF97DA)
YUV	189.7340, 13.9351, 57.2383
Hunter-Lab	69.6007, 44.7922, -12.8479

Details

The YIQ color **189.7340, 40.4770, 42.8850** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **216.2660, -40.4770, -42.8850**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.8240, 13.2000, 25.1040**, and **134.1250, 37.8180, 41.5140** is the 20% darker color. If you saturate the color by 10%, you get **173.4460, 50.5160, 53.6840**, and if you desaturate by 10%, it is **205.4350, 30.7130, 32.6090**.

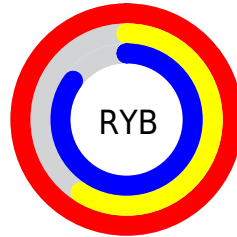
Distribution



Red (100%)

Green (59%)

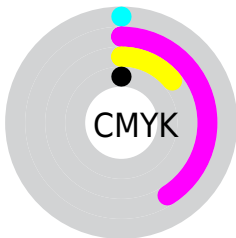
Blue (85%)



Red (100%)

Yellow (59%)

Blue (85%)

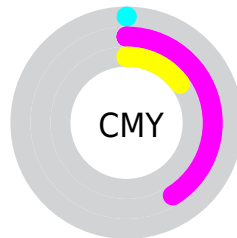


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.7340, 40.4770, 42.8850 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 189.7340, 40.4770, 42.8850 by changing the saturation by 10% instead.


 189.7340, 40.4770,
42.8850

 189.7340, 40.4770,
42.8850


255.0000, -0.0000,
-0.0000


 161.7230, 39.0100,
41.9380


 226.8240, 13.2000,
25.1040


 134.1250, 37.8180,
41.5140

 243.8470, 5.2250,
9.9370

 107.5270, 36.6260,
41.0900

 80.3420, 35.7090,
41.1890

 50.7490, 36.1210,
44.7370

 32.8960, 31.0330,
37.8250

 22.9130, 23.1950,

25.6830

■ 13.0440, 15.0360,
13.8520

■ 0.0000, 0.0000,
0.0000

■ 189.7340, 40.4770,
42.8850

■ 189.7340, 40.4770,
42.8850

■ 173.4460, 50.5160,
53.6840

■ 205.4350, 30.7130,
32.6090

■ 157.7450, 60.2800,
63.9600

■ 221.7230, 20.6740,
21.8100

■ 141.4570, 70.3190,
74.7590

■ 237.4240, 10.9100,
11.5340

■ 125.7560, 80.0830,
85.0350

■ 253.7120, 0.8710,
0.7350

■ 109.4680, 90.1220, 255.0000, -0.0000,
95.8340 -0.0000

■ 94.9410, 99.3360,
105.0640

Harmonies

Analogous

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



189.5900, -3.2160, 36.2720



189.7340, 40.4770, 42.8850



181.4410, 56.9390, 30.8830

Triad

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



189.7340, 40.4770, 42.8850



179.2310, 37.6930, -27.8350



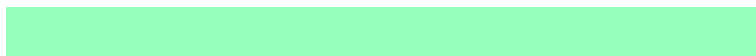
149.3250, -135.2490, -32.3770

Complementary

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



189.7340, 40.4770, 42.8850



216.2660, -40.4770, -42.8850

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.



145.4830, -121.6750, -47.1070



189.7340, 40.4770, 42.8850



173.4200, -2.7440, -38.3920

Square

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



189.7340, 40.4770, 42.8850



182.8960, 64.2820, -8.5980



162.9420, -57.1200, -44.1280



145.2960, -136.3050, -24.2490

Rectangle

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



189.7340, 40.4770, 42.8850



180.9560, 65.1940, 18.9380



162.9420, -57.1200, -44.1280



148.3160, -131.0300, -37.2540

Sweetspot

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



189.7340, 40.4770, 42.8850



235.5490, 12.0560, 12.7920



173.6200, -11.9280, 39.9760



116.6360, 7.1970, 7.2370



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.



189.7340, 40.4770, 42.8850



176.6090, 48.4990, 51.6910



183.9200, 56.8480, 27.0240



119.7990, 5.1800, 5.2440



71.1310, 74.3530, 78.7450



23.8100, 24.9830, 26.3190

Inverse Universe

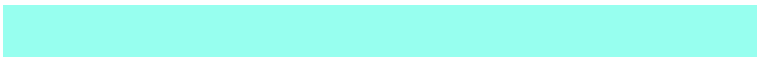
The Inverse Universe completely reimagines the original color for something new.



189.7340, 40.4770, 42.8850



176.6090, 48.4990, 51.6910



222.0800, -56.8480, -27.0240



119.7990, 5.1800, 5.2440



71.1310, 74.3530, 78.7450



23.8100, 24.9830, 26.3190

Previews

White Background



This preview shows how the YIQ color 189.7340, 40.4770, 42.8850 looks on a white background.

Color Contrast Check

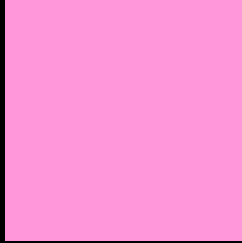
Large Text (above 18pt) WCAG AA × Fail

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 189.7340, 40.4770, 42.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

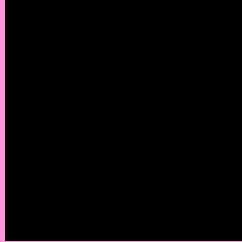
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.7340, 40.4770, 42.8850

Background



This preview shows how black text looks on a background with the YIQ color 189.7340, 40.4770, 42.8850.



This preview shows how white text looks on a background with the YIQ color 189.7340, 40.4770,

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

189.7340, 40.4770, 42.8850

Protanopia

185.6110, -26.0450, 14.9710

Deuteranopia

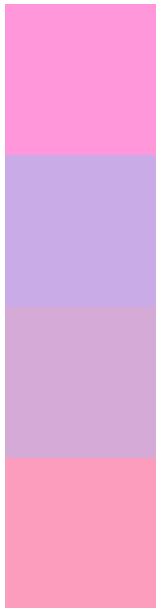
187.3390, -4.9080, 11.8600



Tritanopia

188.2780, 49.7880, 22.8120

Trichromacy



Original Color

189.7340, 40.4770, 42.8850

Protanomaly

186.9240, -1.7010, 25.3310

Deuteranomaly

188.2860, 11.7790, 23.3230

Tritanomaly

189.0530, 46.3480, 30.0920

Monochromacy



Original Color

189.7340, 40.4770, 42.8850

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

190.0980, 14.9440, 15.5200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.7340, 40.4770, 42.8850 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, 151, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 218)  
}
```

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, 151, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 218) }
```

Border

The CSS property to change the border of an element to YIQ 189.7340, 40.4770, 42.8850 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, 151, 218) }
```


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

```
.border{ border-color:rgb(255, 151, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 189.7340, 40.4770, 42.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 218) }
```

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

```
.background{ background-color: rgb(255,  
151, 218) }
```

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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