

Converting Colors

YIQ(193.2730, 40.1570, 37.6690)

Have a look what the booklet for
YIQ(193.2730, 40.1570, 37.6690)
contains.

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Color

**YIQ(193.2730, 40.1570,
37.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9ED5
RGB	255, 158, 213
RGB Percent	100%, 62%, 84%
CMY	0.0000, 0.3805, 0.1646
CMYK	0.00, 0.38, 0.16, 0.00
HSL	326°, 100%, 81%
HSV	326°, 38%, 100%
XYZ	65.4740, 50.5055, 69.2683
YIQ	193.2730, 40.1570, 37.6690

Conversions

Conversions Part 2

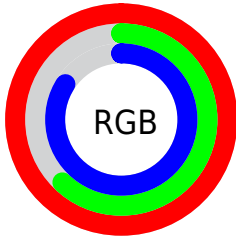
Format	Color
R _Y B	255, 158, 213
Decimal	16752341
CIE Lab	76.38, 43.40, -12.74
CIE LCh	76, 45.231, 343.644
Yxy	50.5055, 0.3534, 0.2726
Android (android.graphics.Color)	4294942421 (0xFFFF9ED5)
YUV	193.2730, 9.7254, 54.1346
Hunter-Lab	71.0672, 40.0838, -8.0422

Details

The YIQ color **193.2730, 40.1570, 37.6690** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **219.7270, -40.1570, -37.6690**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.9330, 11.2750, 21.4430**, and **137.9630, 38.0940, 36.5100** is the 20% darker color. If you saturate the color by 10%, you get **176.7570, 50.8380, 47.8460**, and if you desaturate by 10%, it is **209.2020, 29.7510, 28.0150**.

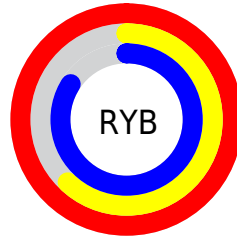
Distribution



Red (100%)

Green (62%)

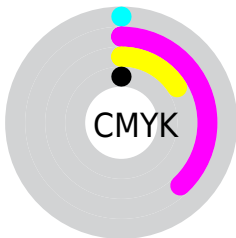
Blue (84%)



Red (100%)

Yellow (62%)

Blue (84%)

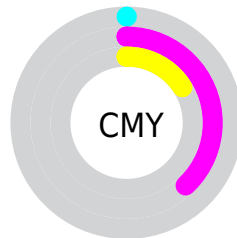


Cyan (0%)

Magenta (38%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.2730, 40.1570, 37.6690 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 193.2730, 40.1570, 37.6690 by changing the saturation by 10% instead.


 193.2730, 40.1570,
37.6690


 193.2730, 40.1570,
37.6690


255.0000, -0.0000,
-0.0000


 165.5610, 39.2860,
36.9340


 230.9330, 11.2750,
21.4430


 137.9630, 38.0940,
36.5100

 247.9560, 3.3000,
6.2760

 111.0660, 36.3060,
35.8740

 85.4680, 35.1140,
35.4500

 58.2230, 34.4260,
36.9060

 32.8530, 32.5920,
37.1040

 22.5710, 24.1580,

24.7500

■ 13.1860, 17.5120,
13.0320

■ 0.0000, 0.0000,
0.0000

■ 193.2730, 40.1570,
37.6690

■ 193.2730, 40.1570,
37.6690

■ 176.7570, 50.8380,
47.8460

■ 209.2020, 29.7510,
28.0150

■ 160.8280, 61.2440,
57.5000

■ 225.7180, 19.0700,
17.8380

■ 144.3120, 71.9250,
67.6770

■ 241.6470, 8.6640,
8.1840

■ 128.3830, 82.3310,
77.3310

■ 255.0000, -0.0000,
-0.0000

■ 111.8670, 93.0120,
87.5080

■ 95.9380, 103.4180,
97.1620

■ 92.7750, 105.4350,
99.1550

Harmonies

Analogous

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



193.0590, 2.6530, 34.5330



193.2730, 40.1570, 37.6690



186.7240, 54.4640, 26.1760

Triad

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



193.2730, 40.1570, 37.6690



183.2780, 30.3110, -26.2090



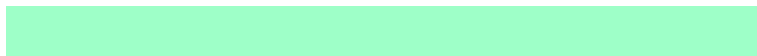
149.4390, -135.5700, -32.0660

Complementary

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



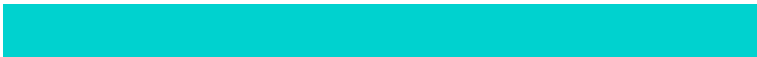
193.2730, 40.1570, 37.6690



219.7270, -40.1570, -37.6690

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.



146.8680, -124.1970, -45.4530



193.2730, 40.1570, 37.6690



178.3750, -6.8710, -35.1830

Square

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



193.2730, 40.1570, 37.6690



187.0630, 56.4420, -9.6860



169.0720, -54.3700, -38.8980



168.3080, -91.8800, -8.8720

Rectangle

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



193.2730, 40.1570, 37.6690



186.5810, 61.7560, 15.1640



169.0720, -54.3700, -38.8980



149.2450, -132.2680, -36.8440

Sweetspot

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



193.2730, 40.1570, 37.6690



237.1960, 11.5520, 10.9120



181.0180, -7.2970, 38.6470



117.1090, 7.2430, 6.4030



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.



193.2730, 40.1570, 37.6690



180.5070, 48.5460, 45.3300



187.9150, 55.2440, 23.0520



119.6850, 5.5010, 4.9330



69.5350, 78.8470, 74.3910



23.2400, 26.5880, 24.7640

Inverse Universe

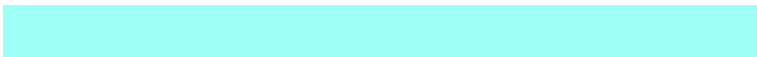
The Inverse Universe completely reimagines the original color for something new.



193.2730, 40.1570, 37.6690



180.5070, 48.5460, 45.3300



225.0850, -55.2440, -23.0520



119.6850, 5.5010, 4.9330



69.5350, 78.8470, 74.3910



23.2400, 26.5880, 24.7640

Previews

White Background



This preview shows how the YIQ color 193.2730, 40.1570, 37.6690 looks on a white background.

Color Contrast Check

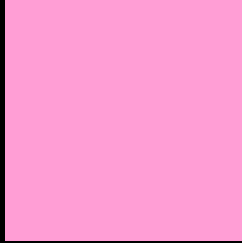
Large Text (above 18pt) WCAG AA × Fail

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 193.2730, 40.1570, 37.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

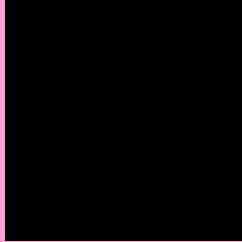
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.2730, 40.1570, 37.6690

Background



This preview shows how black text looks on a background with the YIQ color 193.2730, 40.1570, 37.6690.



This preview shows how white text looks on a background with the YIQ color 193.2730, 40.1570,

37.6690.

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

193.2730, 40.1570, 37.6690

Protanopia

189.4390, -19.8090, 12.0870

Deuteranopia

190.9220, 0.6400, 10.4320



Tritanopia

192.0820, 47.4040, 21.9640

Trichromacy



Original Color

193.2730, 40.1570, 37.6690



Protanomaly

190.5560, 2.1510, 21.5990



Deuteranomaly

192.1460, 14.9890, 20.2130



Tritanomaly

192.1020, 44.6520, 27.7880

Monochromacy



Original Color

193.2730, 40.1570, 37.6690



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

193.0440, 15.0360, 13.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.2730, 40.1570, 37.6690 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, 158, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 213)  
}
```

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, 158, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 213) }
```

Border

The CSS property to change the border of an element to YIQ 193.2730, 40.1570, 37.6690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

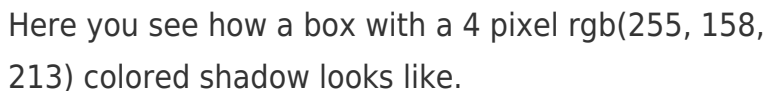
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 158, 213) }
```


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

```
.border{ border-color:rgb(255, 158, 213) }
```

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



Here you see how a box with a 4 pixel rgb(255, 158, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 193.2730, 40.1570, 37.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 213) }
```

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

```
.background{ background-color: rgb(255,  
158, 213) }
```

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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