

Converting Colors

YIQ(193.6320, 40.5240, 36.5240)

Have a look what the booklet for
YIQ(193.6320, 40.5240, 36.5240)
contains.

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Color

**YIQ(193.6320, 40.5240,
36.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FD3
RGB	255, 159, 211
RGB Percent	100%, 62%, 83%
CMY	0.0000, 0.3766, 0.1724
CMYK	0.00, 0.38, 0.17, 0.00
HSL	327°, 100%, 81%
HSV	327°, 38%, 100%
XYZ	65.3929, 50.7471, 67.9968
YIQ	193.6320, 40.5240, 36.5240

Conversions

Conversions Part 2

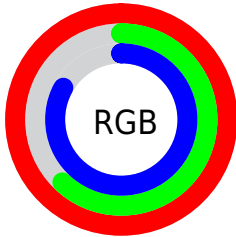
Format	Color
R_{YB}	255, 159, 211
Decimal	16752595
CIE _{Lab}	76.53, 42.58, -11.42
CIE _{LCh}	77, 44.091, 344.982
Yxy	50.7471, 0.3551, 0.2756
Android (android.graphics.Color)	4294942675 (0xFFFF9FD3)
YUV	193.6320, 8.5624, 53.8197
Hunter-Lab	71.2370, 39.1916, -6.7273

Details

The YIQ color **193.6320, 40.5240, 36.5240** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **220.3680, -40.5240, -36.5240**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.5200, 11.0000, 20.9200**, and **138.9090, 38.1860, 34.8420** is the 20% darker color. If you saturate the color by 10%, you get **177.0020, 51.5260, 46.3900**, and if you desaturate by 10%, it is **209.6750, 29.7970, 27.1810**.

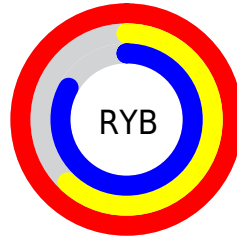
Distribution



Red (100%)

Green (62%)

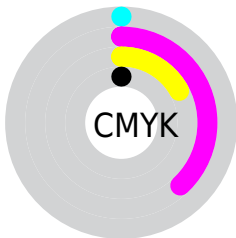
Blue (83%)



Red (100%)

Yellow (62%)

Blue (83%)

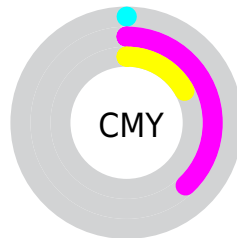


Cyan (0%)

Magenta (38%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.6320, 40.5240, 36.5240 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 193.6320, 40.5240, 36.5240 by changing the saturation by 10% instead.


 193.6320, 40.5240,
36.5240

 193.6320, 40.5240,
36.5240


255.0000, -0.0000,
-0.0000


 165.9200, 39.6530,
35.7890


 231.5200, 11.0000,
20.9200


 138.3220, 38.4610,
35.3650

 248.5430, 3.0250,
5.7530

 112.0120, 36.3980,
34.2060

 85.8270, 35.4810,
34.3050

 59.1690, 34.5180,
35.2380

 32.6250, 33.2340,
36.4820

 22.6420, 25.3960,

24.3400

■ 13.2570, 18.7500,
12.6220

■ 0.0000, 0.0000,
0.0000

■ 193.6320, 40.5240,
36.5240

■ 193.6320, 40.5240,
36.5240

■ 177.0020, 51.5260,
46.3900

■ 209.6750, 29.7970,
27.1810

■ 161.0730, 61.9320,
56.0440

■ 226.1910, 19.1160,
17.0040

■ 144.4430, 72.9340,
65.9100

■ 242.2340, 8.3890,
7.6610

■ 128.4000, 83.6610,
75.2530

■ 255.0000, -0.0000,
-0.0000

■ 111.8840, 94.3420,
85.4300

■ 95.8410, 105.0690,
94.7730

■ 91.9770, 107.6820,
96.9780

Harmonies

Analogous

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



194.0160, 4.2120, 33.8120



193.6320, 40.5240, 36.5240



187.7840, 54.2350, 24.8190

Triad

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



193.6320, 40.5240, 36.5240



183.9080, 28.4770, -26.0110



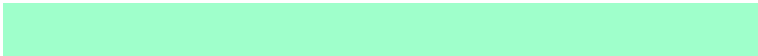
149.4390, -135.5700, -32.0660

Complementary

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



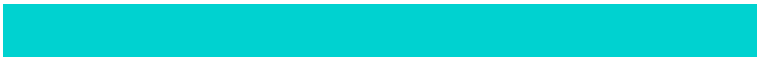
193.6320, 40.5240, 36.5240



220.3680, -40.5240, -36.5240

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.



146.9820, -124.5180, -45.1420



193.6320, 40.5240, 36.5240



178.5320, -8.7510, -34.1510

Square

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



193.6320, 40.5240, 36.5240



187.2800, 54.3330, -10.0110



170.0120, -54.1410, -37.5410



171.5970, -85.3240, -6.5400

Rectangle

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



193.6320, 40.5240, 36.5240



187.7550, 61.2060, 14.1180



170.0120, -54.1410, -37.5410



149.3590, -132.5890, -36.5330

Sweetspot

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



193.6320, 40.5240, 36.5240



237.0820, 11.8730, 10.6010



182.8010, -5.1880, 38.9720



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.



193.6320, 40.5240, 36.5240



181.4530, 48.6380, 43.6620



188.2740, 55.6110, 21.9070



119.6850, 5.5010, 4.9330



68.9650, 80.4520, 72.8360



23.1260, 26.9090, 24.4530

Inverse Universe

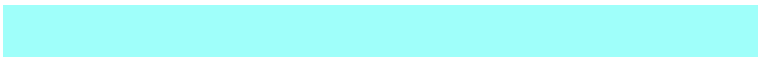
The Inverse Universe completely reimagines the original color for something new.



193.6320, 40.5240, 36.5240



181.4530, 48.6380, 43.6620



225.7260, -55.6110, -21.9070



119.6850, 5.5010, 4.9330



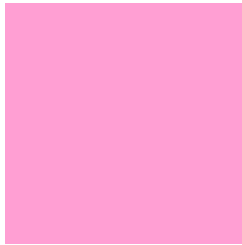
68.9650, 80.4520, 72.8360



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 193.6320, 40.5240, 36.5240 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 193.6320, 40.5240, 36.5240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

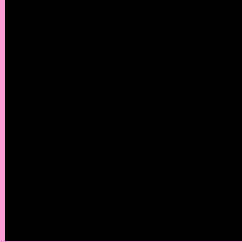
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.6320, 40.5240, 36.5240

Background



This preview shows how black text looks on a background with the YIQ color 193.6320, 40.5240, 36.5240.



This preview shows how white text looks on a background with the YIQ color 193.6320, 40.5240,

36.5240.

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

193.6320, 40.5240, 36.5240

Protanopia

189.8090, -17.9750, 11.8890

Deuteranopia

191.4060, 2.1530, 10.5450



Tritanopia

192.1960, 47.0830, 22.2750

Trichromacy



Original Color

193.6320, 40.5240, 36.5240



Protanomaly

191.2140, 3.1140, 20.6660



Deuteranomaly

192.2170, 16.2270, 19.8030



Tritanomaly

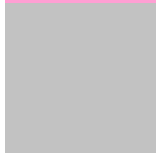
192.6890, 44.3770, 27.2650

Monochromacy



Original Color

193.6320, 40.5240, 36.5240



Achromatopsia

194.0000, -0.0000, 0.0000



Achromatomaly

193.6310, 14.7610, 13.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.6320, 40.5240, 36.5240 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, 159, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 211)  
}
```

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, 159, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 211) }
```

Border

The CSS property to change the border of an element to YIQ 193.6320, 40.5240, 36.5240 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, 159, 211) }
```


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

```
.border{ border-color:rgb(255, 159, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 193.6320, 40.5240, 36.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 211) }
```

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

```
.background{ background-color: rgb(255,  
159, 211) }
```

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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