

Converting Colors

YIQ(181.2370, 40.9790, 55.8190)

Have a look what the booklet for
YIQ(181.2370, 40.9790, 55.8190)
contains.

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Color

**YIQ(181.2370, 40.9790,
55.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	FF86E7
RGB	255, 134, 231
RGB Percent	100%, 53%, 91%
CMY	0.0000, 0.4747, 0.0940
CMYK	0.00, 0.47, 0.09, 0.00
HSL	312°, 100%, 76%
HSV	312°, 47%, 100%
XYZ	64.1851, 44.0670, 80.7407
YIQ	181.2370, 40.9790, 55.8190

Conversions

Conversions Part 2

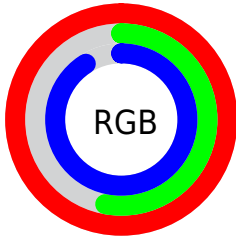
Format	Color
RYB	255, 134, 231
Decimal	16746215
CIELab	72.27, 58.18, -28.83
CIELCh	72, 64.931, 333.639
Yxy	44.0670, 0.3396, 0.2332
Android (android.graphics.Color)	4294936295 (0xFFFF86E7)
YUV	181.2370, 24.5332, 64.6902
Hunter-Lab	66.3830, 56.4197, -25.6455

Details

The YIQ color **181.2370, 40.9790, 55.8190** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **207.7630, -40.9790, -55.8190**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8450, 17.8750, 33.9950**, and **124.9270, 38.9160, 54.6600** is the 20% darker color. If you saturate the color by 10%, you get **165.4050, 49.7340, 67.8620**, and if you desaturate by 10%, it is **196.4820, 32.4990, 44.2990**.

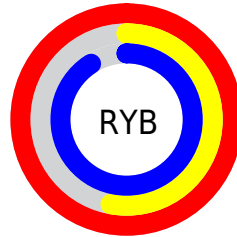
Distribution



Red (100%)

Green (53%)

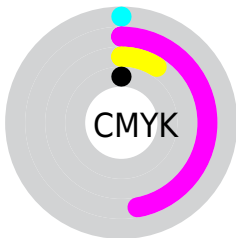
Blue (91%)



Red (100%)

Yellow (53%)

Blue (91%)

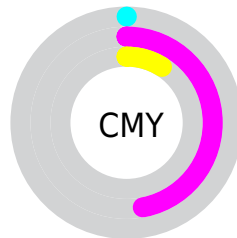


Cyan (0%)

Magenta (47%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.2370, 40.9790, 55.8190 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 181.2370, 40.9790, 55.8190 by changing the saturation by 10% instead.


 181.2370, 40.9790,
55.8190


 181.2370, 40.9790,
55.8190


255.0000, -0.0000,
-0.0000


 152.6390, 39.7870,
55.3950


 216.8450, 17.8750,
33.9950


 124.9270, 38.9160,
54.6600


 233.8680, 9.9000,
18.8280

 96.1550, 38.2740,
55.2820

 251.4780, 1.6500,
3.1380

 63.1000, 40.1070,
60.6110

 44.5460, 35.6150,
53.9110

 33.7370, 27.2270,
40.7230

 23.6400, 19.7100,

28.2700

■ 12.7600, 10.0840,
15.4920

■ 0.0000, 0.0000,
0.0000

■ 181.2370, 40.9790,
55.8190

■ 181.2370, 40.9790,
55.8190

■ 165.4050, 49.7340,
67.8620

■ 196.4820, 32.4990,
44.2990

■ 150.1600, 58.2140,
79.3820

■ 212.3140, 23.7440,
32.2560

■ 134.3280, 66.9690,
91.4250

■ 227.5590, 15.2640,
20.7360

■ 119.0830, 75.4490,
102.9450

■ 243.3910, 6.5090,
8.6930

■ 103.2510, 84.2040, 255.0000, -0.0000,
114.9880 -0.0000

■ 99.5010, 86.4960,
117.5040

Harmonies

Analogous

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



178.3270, -12.6610, 36.7390



181.2370, 40.9790, 55.8190



167.4670, 63.2180, 43.7460

Triad

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



181.2370, 40.9790, 55.8190



169.6550, 56.6300, -35.1300



147.8090, -133.7360, -32.2640

Complementary

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



181.2370, 40.9790, 55.8190



207.7630, -40.9790, -55.8190

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.



141.7840, -115.3930, -50.8250



181.2370, 40.9790, 55.8190



163.5440, 8.1700, -48.9660

Square

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



181.2370, 40.9790, 55.8190



173.6010, 84.2260, -6.6060



144.1430, -71.4680, -59.4360



144.7090, -136.0300, -23.7260

Rectangle

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



181.2370, 40.9790, 55.8190



165.9560, 74.3620, 29.0020



144.1430, -71.4680, -59.4360



146.3440, -128.2330, -38.3850

Sweetspot

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



181.2370, 40.9790, 55.8190



233.0700, 12.1470, 16.6510



154.3720, -25.7290, 42.2950



114.5160, 7.6550, 9.9510



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.



181.2370, 40.9790, 55.8190



166.5790, 49.1840, 66.8160



174.5110, 59.9180, 37.4700



120.0270, 4.5380, 5.8660



74.5510, 64.7230, 88.0750



24.9500, 21.7730, 29.4290

Inverse Universe

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



181.2370, 40.9790, 55.8190



166.5790, 49.1840, 66.8160



214.4890, -59.9180, -37.4700



120.0270, 4.5380, 5.8660



74.5510, 64.7230, 88.0750



24.9500, 21.7730, 29.4290

Previews

White Background



This preview shows how the YIQ color 181.2370, 40.9790, 55.8190 looks on a white background.

Color Contrast Check

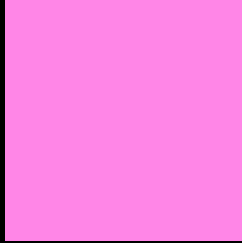
Large Text (above 18pt) WCAG AA × Fail

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 181.2370, 40.9790, 55.8190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

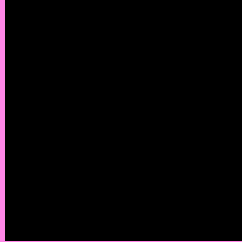
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.2370, 40.9790, 55.8190

Background



This preview shows how black text looks on a background with the YIQ color 181.2370, 40.9790, 55.8190.

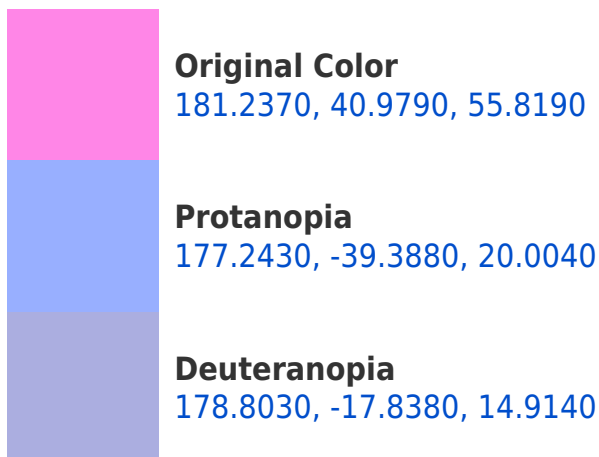


This preview shows how white text looks on a background with the YIQ color 181.2370, 40.9790,

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





Tritanopia

179.6700, 54.5560, 24.5080

Trichromacy



Original Color

181.2370, 40.9790, 55.8190



Protanomaly

178.4750, -10.3220, 32.8940



Deuteranomaly

179.6090, 3.8000, 30.2640



Tritanomaly

180.4820, 49.6940, 35.5340

Monochromacy



Original Color

181.2370, 40.9790, 55.8190



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

181.1460, 14.9890, 20.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2370, 40.9790, 55.8190 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, 134, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 231)  
}
```

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, 134, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 231) }
```

Border

The CSS property to change the border of an element to YIQ 181.2370, 40.9790, 55.8190 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, 134, 231) }
```


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

```
.border{ border-color:rgb(255, 134, 231) }
```

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

Here you see how a box with a 4 pixel rgb(255, 134, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2370, 40.9790, 55.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 231) }
```

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

```
.background{ background-color: rgb(255,  
134, 231) }
```

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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