

Converting Colors

YIQ(181.9430, 50.0140, 40.7500)

Have a look what the booklet for
YIQ(181.9430, 50.0140, 40.7500)
contains.

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Color

**YIQ(181.9430, 50.0140,
40.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8EC4
RGB	255, 142, 196
RGB Percent	100%, 56%, 77%
CMY	0.0000, 0.4433, 0.2312
CMYK	0.00, 0.44, 0.23, 0.00
HSL	331°, 100%, 78%
HSV	331°, 44%, 100%
XYZ	60.8743, 44.5793, 57.6446
YIQ	181.9430, 50.0140, 40.7500

Conversions

Conversions Part 2

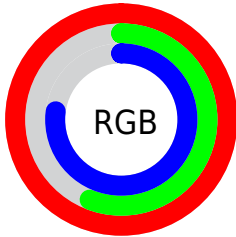
Format	Color
R_{YB}	255, 142, 196
Decimal	16748228
CIE _{Lab}	72.61, 49.03, -9.01
CIE _{LCh}	73, 49.856, 349.587
Yxy	44.5793, 0.3732, 0.2733
Android (android.graphics.Color)	4294938308 (0xFFFF8EC4)
YUV	181.9430, 6.9301, 64.0710
Hunter-Lab	66.7677, 45.9009, -4.4513

Details

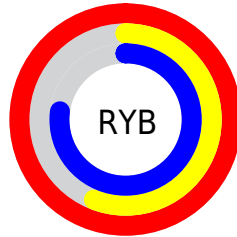
The YIQ color **181.9430, 50.0140, 40.7500** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **215.0570, -50.0140, -40.7500**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.3130, 16.3170, 29.1890**, and **126.4480, 47.0340, 39.6900** is the 20% darker color. If you saturate the color by 10%, you get **165.1990, 61.3370, 50.3050**, and if you desaturate by 10%, it is **198.1000, 38.9660, 31.7180**.

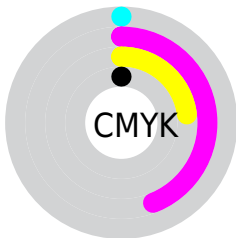
Distribution



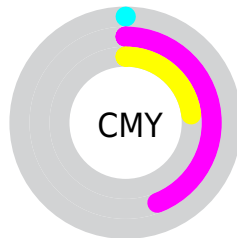
- Red (100%)
- Green (56%)
- Blue (77%)



- Red (100%)
- Yellow (56%)
- Blue (77%)



- Cyan (0%)
- Magenta (44%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.9430, 50.0140, 40.7500 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 181.9430, 50.0140, 40.7500 by changing the saturation by 10% instead.


 181.9430, 50.0140,
40.7500

 181.9430, 50.0140,
40.7500


255.0000, -0.0000,
-0.0000


 154.0460, 48.2260,
40.1140


 221.3130, 16.3170,
29.1890


 126.4480, 47.0340,
39.6900

 238.5640, 7.7000,
14.6440

 99.0780, 45.2000,
39.8880

 71.4200, 44.2370,
40.8210

 41.3540, 44.6030,
45.2030

 30.3600, 35.2980,
32.1140

 20.6050, 26.8180,

20.5940

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,
0.0000

■ 181.9430, 50.0140,
40.7500

■ 181.9430, 50.0140,
40.7500

■ 165.1990, 61.3370,
50.3050

■ 198.1000, 38.9660,
31.7180

■ 148.9280, 72.7060,
59.0260

■ 214.9580, 27.3220,
22.4740

■ 132.1840, 84.0290,
68.5810

■ 231.1150, 16.2740,
13.4420

■ 116.0270, 95.0770,
77.6130

■ 247.8590, 4.9510,
3.8870

■ 99.2830, 106.4000, 255.0000, -0.0000,
87.1680 -0.0000

■ 90.1530, 112.8180,
92.0020

Harmonies

Analogous

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



183.5980, 11.5010, 39.3810



181.9430, 50.0140, 40.7500



176.6990, 64.7800, 26.4440

Triad

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



181.9430, 50.0140, 40.7500



171.3650, 25.4520, -31.7640



143.6830, -133.1410, -26.5250

Complementary

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



181.9430, 50.0140, 40.7500



215.0570, -50.0140, -40.7500

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.



141.5850, -121.7220, -40.7460



181.9430, 50.0140, 40.7500



164.5800, -17.8740, -39.5220

Square

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



181.9430, 50.0140, 40.7500



175.1890, 55.8470, -15.4250



148.4860, -82.1990, -46.6710



155.2730, -101.9670, -7.7830

Rectangle

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



181.9430, 50.0140, 40.7500



177.6160, 71.8430, 14.0750



148.4860, -82.1990, -46.6710



143.6030, -130.1600, -30.9920

Sweetspot

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



181.9430, 50.0140, 40.7500



233.6910, 14.5320, 11.9720



172.2240, -1.7050, 47.4390



114.4190, 9.3060, 7.5620



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.



181.9430, 50.0140, 40.7500



167.7750, 59.5950, 48.8350



176.9610, 66.7980, 22.9100



119.5710, 5.8220, 4.6220



67.4830, 84.6250, 68.7930



22.5560, 28.5140, 22.8980

Inverse Universe

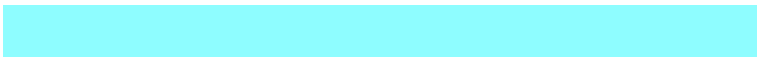
The Inverse Universe completely reimagines the original color for something new.



181.9430, 50.0140, 40.7500



167.7750, 59.5950, 48.8350



220.0390, -66.7980, -22.9100



119.5710, 5.8220, 4.6220



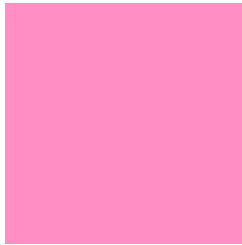
67.4830, 84.6250, 68.7930



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 181.9430, 50.0140, 40.7500 looks on a white background.

Color Contrast Check

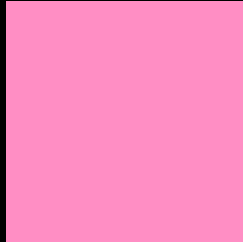
Large Text (above 18pt) WCAG AA × Fail

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 181.9430, 50.0140, 40.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

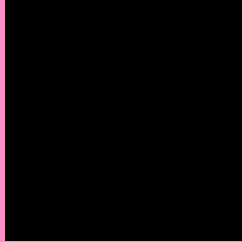
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.9430, 50.0140, 40.7500

Background



This preview shows how black text looks on a background with the YIQ color 181.9430, 50.0140, 40.7500.



This preview shows how white text looks on a background with the YIQ color 181.9430, 50.0140,

40.7500.

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

181.9430, 50.0140, 40.7500

Protanopia

179.3960, -18.2500, 11.3660

Deuteranopia

180.1350, 4.3540, 9.2020



Tritanopia

180.7520, 57.2610, 25.0450

Trichromacy



Original Color

181.9430, 50.0140, 40.7500



Protanomaly

180.1220, 6.3690, 22.2490



Deuteranomaly

181.0820, 21.0410, 20.6650



Tritanomaly

180.7720, 54.5090, 30.8690

Monochromacy



Original Color

181.9430, 50.0140, 40.7500



Achromatopsia

182.0000, -0.0000, -0.0000



Achromatomaly

181.8380, 18.6120, 15.1240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.9430, 50.0140, 40.7500 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, 142, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 196)  
}
```

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, 142, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 196) }
```

Border

The CSS property to change the border of an element to YIQ 181.9430, 50.0140, 40.7500 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, 142, 196) }
```


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

```
.border{ border-color:rgb(255, 142, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 181.9430, 50.0140, 40.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 196) }
```

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

```
.background{ background-color: rgb(255,  
142, 196) }
```

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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