

Converting Colors

YIQ(180.7470, 47.6300, 39.9020)

Have a look what the booklet for
YIQ(180.7470, 47.6300, 39.9020)
contains.

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Color

**YIQ(180.7470, 47.6300,
39.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	FB8EC4
RGB	251, 142, 196
RGB Percent	98%, 56%, 77%
CMY	0.0154, 0.4433, 0.2312
CMYK	0.00, 0.43, 0.22, 0.02
HSL	330°, 93%, 77%
HSV	330°, 43%, 98%
XYZ	59.4449, 43.8428, 57.5764
YIQ	180.7470, 47.6300, 39.9020

Conversions

Conversions Part 2

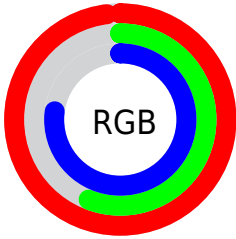
Format	Color
R_{YB}	251, 142, 196
Decimal	16486084
CIE _{Lab}	72.12, 47.75, -9.79
CIE _{LCh}	72, 48.743, 348.409
Yxy	43.8428, 0.3695, 0.2725
Android (android.graphics.Color)	4294676164 (0xFFFB8EC4)
YUV	180.7470, 7.5197, 61.6119
Hunter-Lab	66.2139, 44.3778, -5.2060

Details

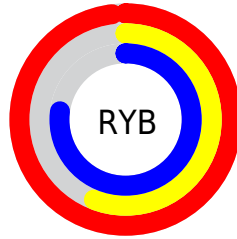
The YIQ color **180.7470, 47.6300, 39.9020** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **212.2530, -47.6300, -39.9020**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3130, 16.3170, 29.1890**, and **125.2520, 44.6500, 38.8420** is the 20% darker color. If you saturate the color by 10%, you get **164.5900, 58.6780, 48.9340**, and if you desaturate by 10%, it is **196.9040, 36.5820, 30.8700**.

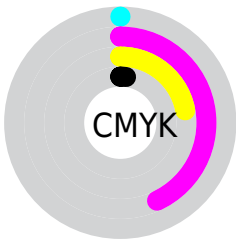
Distribution



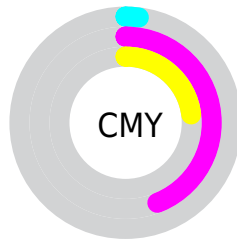
- Red (98%)
- Green (56%)
- Blue (77%)



- Red (98%)
- Yellow (56%)
- Blue (77%)



- Cyan (0%)
- Magenta (43%)
- Yellow (22%)
- Black (2%)




- Cyan (2%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.7470, 47.6300, 39.9020 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 180.7470, 47.6300, 39.9020 by changing the saturation by 10% instead.


 180.7470, 47.6300,
39.9020

 180.7470, 47.6300,
39.9020


255.0000, -0.0000,
-0.0000


 152.8500, 45.8420,
39.2660


 221.3130, 16.3170,
29.1890


 125.2520, 44.6500,
38.8420

 237.9770, 7.9750,
15.1670

 98.7680, 43.1370,
38.7290

 71.1100, 42.1740,
39.6620

 40.1580, 42.2190,
44.3550

 29.7620, 34.1060,
31.6900

 20.0070, 25.6260,

20.1700

■ 8.1870, 15.7710,
6.0350

■ 0.0000, 0.0000,
0.0000

■ 180.7470, 47.6300,
39.9020

■ 180.7470, 47.6300,
39.9020

■ 164.5900, 58.6780,
48.9340

■ 196.9040, 36.5820,
30.8700

■ 148.5470, 69.4050,
58.2770

■ 212.9470, 25.8550,
21.5270

■ 132.3900, 80.4530,
67.3090

■ 229.1040, 14.8070,
12.4950

■ 116.2330, 91.5010,
76.3410

■ 245.2610, 3.7590,
3.4630

■ 99.6030, 102.5030,
86.2070

■ 253.8040, -2.3840,
-0.8480

■ 89.1850, 109.7920,
91.7760

Harmonies

Analogous

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



182.1740, 9.7590, 37.9110



180.7470, 47.6300, 39.9020



176.2260, 64.7340, 27.2780

Triad

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



180.7470, 47.6300, 39.9020



170.4900, 26.5980, -30.5060



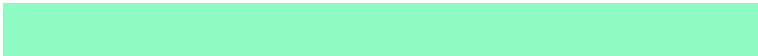
142.6400, -131.5820, -27.2460

Complementary

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



180.7470, 47.6300, 39.9020



212.2530, -47.6300, -39.9020

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.



140.5420, -120.1630, -41.4670



180.7470, 47.6300, 39.9020



164.1890, -15.2150, -38.1510

Square

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



180.7470, 47.6300, 39.9020



174.1290, 56.0760, -14.0680



149.9600, -74.7260, -44.4380



154.3870, -102.2880, -7.4720

Rectangle

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



180.7470, 47.6300, 39.9020



177.2570, 71.4760, 15.2200



149.9600, -74.7260, -44.4380



142.5600, -128.6010, -31.7130

Sweetspot

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



180.7470, 47.6300, 39.9020



233.6910, 14.5320, 11.9720



170.8710, -2.2090, 45.5590



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.



180.7470, 47.6300, 39.9020



169.2910, 58.0820, 48.7220



174.5910, 64.9640, 23.1080



116.6850, 5.5010, 4.9330



67.2270, 82.4700, 69.3020



21.6590, 26.7260, 22.2620

Inverse Universe

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



180.7470, 47.6300, 39.9020



169.2910, 58.0820, 48.7220



218.4090, -64.9640, -23.1080



116.6850, 5.5010, 4.9330



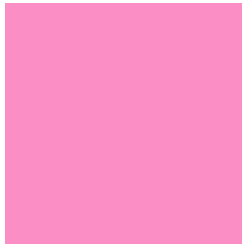
67.2270, 82.4700, 69.3020



21.6590, 26.7260, 22.2620

Previews

White Background



This preview shows how the YIQ color 180.7470, 47.6300, 39.9020 looks on a white background.

Color Contrast Check

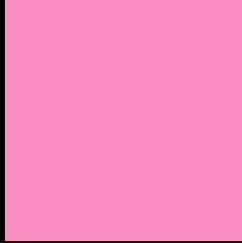
Large Text (above 18pt) WCAG AA × Fail

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 180.7470, 47.6300, 39.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

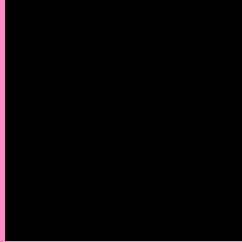
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.7470, 47.6300, 39.9020

Background



This preview shows how black text looks on a background with the YIQ color 180.7470, 47.6300, 39.9020.



This preview shows how white text looks on a background with the YIQ color 180.7470, 47.6300,

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

180.7470, 47.6300, 39.9020

Protanopia

178.0970, -18.8460, 11.1540

Deuteranopia

178.9500, 3.4370, 9.3010



Tritanopia

179.5560, 54.8770, 24.1970

Trichromacy



Original Color

180.7470, 47.6300, 39.9020

Protanomaly

179.4100, 5.4980, 21.5140

Deuteranomaly

179.5980, 19.5280, 20.5520

Tritanomaly

179.5760, 52.1250, 30.0210

Monochromacy



Original Color

180.7470, 47.6300, 39.9020

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.8270, 17.1450, 14.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.7470, 47.6300, 39.9020 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(251, 142, 196)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 142, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 142, 196) }
```

Border

The CSS property to change the border of an element to YIQ 180.7470, 47.6300, 39.9020 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(251, 142, 196) }
```


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

```
.border{ border-color:rgb(251, 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(251, 142, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 142, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 142, 196);  
box-shadow:4px 4px 4px 4px rgb(251, 142,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 180.7470, 47.6300, 39.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 142, 196) }
```

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

```
.background{ background-color: rgb(251,  
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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