

Converting Colors

YIQ(180.5680, 46.5760, 36.9760)

Have a look what the booklet for
YIQ(180.5680, 46.5760, 36.9760)
contains.

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Color

**YIQ(180.5680, 46.5760,
36.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	F890C0
RGB	248, 144, 192
RGB Percent	97%, 56%, 75%
CMY	0.0272, 0.4354, 0.2469
CMYK	0.00, 0.42, 0.23, 0.03
HSL	332°, 88%, 77%
HSV	332°, 42%, 97%
XYZ	58.2217, 43.7101, 55.2593
YIQ	180.5680, 46.5760, 36.9760

Conversions

Conversions Part 2

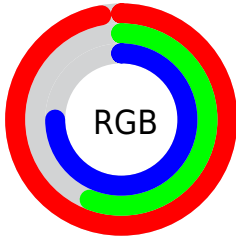
Format	Color
R_{YB}	248, 144, 192
Decimal	16289984
CIE _{Lab}	72.03, 45.18, -7.75
CIE _{LCh}	72, 45.839, 350.269
Yxy	43.7101, 0.3704, 0.2781
Android (android.graphics.Color)	4294480064 (0xFFFF890C0)
YUV	180.5680, 5.6360, 59.1379
Hunter-Lab	66.1136, 41.4938, -3.2764

Details

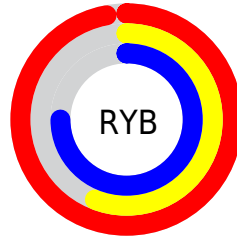
The YIQ color **180.5680, 46.5760, 36.9760** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **211.4320, -46.5760, -36.9760**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.9170, 17.3720, 26.5880**, and **126.0730, 43.5960, 35.9160** is the 20% darker color. If you saturate the color by 10%, you get **164.4110, 57.6240, 46.0080**, and if you desaturate by 10%, it is **196.7250, 35.5280, 27.9440**.

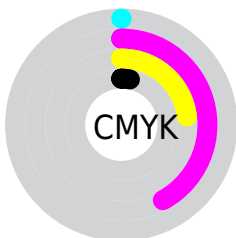
Distribution



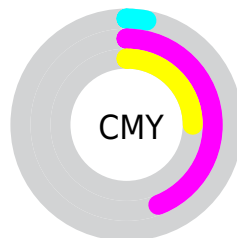
- Red (97%)
- Green (56%)
- Blue (75%)



- Red (97%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.5680, 46.5760, 36.9760 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 180.5680, 46.5760, 36.9760 by changing the saturation by 10% instead.


 180.5680, 46.5760,
36.9760


 180.5680, 46.5760,
36.9760


255.0000, -0.0000,
-0.0000


 152.9700, 45.3840,
36.5520


 221.9170, 17.3720,
26.5880


 126.0730, 43.5960,
35.9160

 239.1510, 7.4250,
14.1210

 99.1760, 41.8080,
35.2800

 72.2190, 40.2490,
36.0010

 40.8650, 41.4860,
41.1180

 28.5230, 33.2810,
30.1210

 19.0670, 25.3970,

18.8130

■ 6.8770, 13.7080,
4.8760

■ 0.0000, 0.0000,
0.0000

■ 180.5680, 46.5760,
36.9760

■ 180.5680, 46.5760,
36.9760

■ 164.4110, 57.6240,
46.0080

■ 196.7250, 35.5280,
27.9440

■ 148.1400, 68.9930,
54.7290

■ 212.9960, 24.1590,
19.2230

■ 132.5700, 79.7660,
63.2380

■ 228.5660, 13.3860,
10.7140

■ 116.4130, 90.8140,
72.2700

■ 244.7230, 2.3380,
1.6820

■ 100.1420,
102.1830, 80.9910

■ 252.9070, -4.1720,
-1.4840

■ 87.2620, 110.8930,
88.3410

Harmonies

Analogous

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



181.6040, 11.3640, 36.3560



180.5680, 46.5760, 36.9760



177.8730, 64.2300, 25.3980

Triad

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



180.5680, 46.5760, 36.9760



170.3910, 22.5630, -28.9650



141.2380, -130.3900, -26.8220

Complementary

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



180.5680, 46.5760, 36.9760



211.4320, -46.5760, -36.9760

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.



139.4820, -119.9340, -40.1100



180.5680, 46.5760, 36.9760



164.1720, -16.5450, -36.0730

Square

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



180.5680, 46.5760, 36.9760



174.0900, 51.8120, -13.8840



152.5200, -70.3710, -40.7630



160.6880, -86.8380, -1.1260

Rectangle

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



180.5680, 46.5760, 36.9760



176.9360, 67.9460, 13.1140



152.5200, -70.3710, -40.7630



141.1580, -127.4090, -31.2890

Sweetspot

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



180.5680, 46.5760, 36.9760



233.5770, 14.8530, 11.6610



172.3010, -0.6040, 44.0040



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.



180.5680, 46.5760, 36.9760



172.5850, 57.0740, 44.9620



176.8570, 61.1590, 20.4790



116.5710, 5.8220, 4.6220



66.4290, 84.7170, 67.1250



21.4310, 27.3680, 21.6400

Inverse Universe

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



180.5680, 46.5760, 36.9760



172.5850, 57.0740, 44.9620



215.1430, -61.1590, -20.4790



116.5710, 5.8220, 4.6220



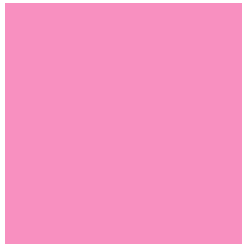
66.4290, 84.7170, 67.1250



21.4310, 27.3680, 21.6400

Previews

White Background



This preview shows how the YIQ color 180.5680, 46.5760, 36.9760 looks on a white background.

Color Contrast Check

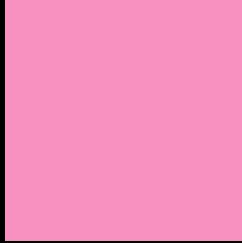
Large Text (above 18pt) WCAG AA × Fail

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 180.5680, 46.5760, 36.9760 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 180.5680, 46.5760, 36.9760

Background



This preview shows how black text looks on a background with the YIQ color 180.5680, 46.5760, 36.9760.



This preview shows how white text looks on a background with the YIQ color 180.5680, 46.5760,

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

180.5680, 46.5760, 36.9760

Protanopia

177.4240, -15.4530, 10.2350

Deuteranopia

179.0920, 5.9130, 8.4810



Tritanopia

179.6590, 53.0890, 23.5610

Trichromacy



Original Color

180.5680, 46.5760, 36.9760



Protanomaly

178.8400, 7.1030, 19.9590



Deuteranomaly

179.7290, 20.5370, 18.7850



Tritanomaly

180.0380, 50.7040, 28.2400

Monochromacy



Original Color

180.5680, 46.5760, 36.9760



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

181.0010, 16.5950, 13.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.5680, 46.5760, 36.9760 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(248, 144, 192)` looks like.

```
.text, #text, p{  
    color:rgb(248, 144, 192)  
}
```

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(248, 144, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 144, 192) }
```

Border

The CSS property to change the border of an element to YIQ 180.5680, 46.5760, 36.9760 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(248, 144, 192) }
```


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

```
.border{ border-color:rgb(248, 144, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 144, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 144, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 144, 192);  
box-shadow:4px 4px 4px 4px rgb(248, 144,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 180.5680, 46.5760, 36.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 144, 192) }
```

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

```
.background{ background-color: rgb(248,  
144, 192) }
```

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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