

Converting Colors

YIQ(180.5240, 40.7080, 33.1880)

Have a look what the booklet for
YIQ(180.5240, 40.7080, 33.1880)
contains.

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Color

**YIQ(180.5240, 40.7080,
33.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	F094C0
RGB	240, 148, 192
RGB Percent	94%, 58%, 75%
CMY	0.0586, 0.4197, 0.2469
CMYK	0.00, 0.38, 0.20, 0.06
HSL	331°, 76%, 76%
HSV	331°, 38%, 94%
XYZ	56.0584, 43.5112, 55.3320
YIQ	180.5240, 40.7080, 33.1880

Conversions

Conversions Part 2

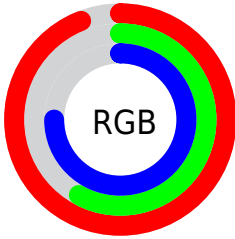
Format	Color
R _Y B	240, 148, 192
Decimal	15766720
CIE Lab	71.90, 40.43, -8.05
CIE LCh	72, 41.224, 348.742
Yxy	43.5112, 0.3619, 0.2809
Android (android.graphics.Color)	4293956800 (0xFFFF094C0)
YUV	180.5240, 5.6577, 52.1605
Hunter-Lab	65.9630, 36.2622, -3.5603

Details

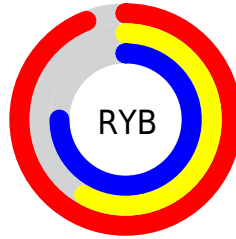
The YIQ color **180.5240, 40.7080, 33.1880** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **207.4760, -40.7080, -33.1880**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.6780, 16.5470, 25.0190**, and **126.0290, 37.7280, 32.1280** is the 20% darker color. If you saturate the color by 10%, you get **165.0680, 51.1600, 42.0080**, and if you desaturate by 10%, it is **196.0940, 29.9350, 24.6790**.

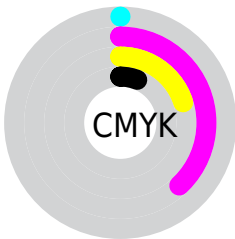
Distribution



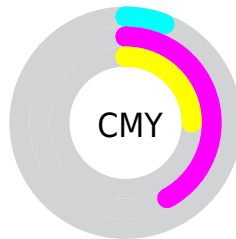
- Red (94%)
- Green (58%)
- Blue (75%)



- Red (94%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (38%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.5240, 40.7080, 33.1880 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 180.5240, 40.7080, 33.1880 by changing the saturation by 10% instead.


 180.5240, 40.7080,
33.1880

 180.5240, 40.7080,
33.1880


255.0000, -0.0000,
-0.0000


 152.9260, 39.5160,
32.7640


 223.6780, 16.5470,
25.0190


 126.0290, 37.7280,
32.1280


 241.4990, 6.3250,
12.0290

 100.0180, 36.2610,
31.1810

 73.9470, 35.0230,
31.5910

 46.7020, 34.3350,
33.0470

 27.0280, 30.3010,
29.0610

 17.8710, 23.0130,

17.9650

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,
0.0000

■ 180.5240, 40.7080,
33.1880

■ 180.5240, 40.7080,
33.1880

■ 165.0680, 51.1600,
42.0080

■ 196.0940, 29.9350,
24.6790

■ 149.4980, 61.9330,
50.5170

■ 211.5500, 19.4830,
15.8590

■ 133.9280, 72.7060,
59.0260

■ 227.1200, 8.7100,
7.3500

■ 118.4720, 83.1580,
67.8460

■ 242.5760, -1.7420,
-1.4700

■ 102.9020, 93.9310,
76.3550

■ 250.5150, -8.9400,
-3.1800

■ 87.4460, 104.3830,
85.1750

■ 84.8700, 106.1250,
86.6450

Harmonies

Analogous

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



181.0010, 8.5680, 31.9600



180.5240, 40.7080, 33.1880



178.2960, 58.5450, 23.8010

Triad

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



180.5240, 40.7080, 33.1880



170.9120, 22.6540, -25.1060



139.1520, -127.2720, -28.2640

Complementary

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



180.5240, 40.7080, 33.1880



207.4760, -40.7080, -33.1880

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.



137.7380, -117.7790, -40.6190



180.5240, 40.7080, 33.1880



165.8460, -12.5110, -32.0870

Square

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



180.5240, 40.7080, 33.1880



174.5180, 47.7310, -11.5090



157.5220, -55.5170, -34.6290



163.9020, -75.6970, 0.7110

Rectangle

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



180.5240, 40.7080, 33.1880



177.1140, 61.5730, 12.9730



157.5220, -55.5170, -34.6290



139.1860, -124.6120, -32.4200

Sweetspot

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



180.5240, 40.7080, 33.1880



234.9790, 13.6610, 11.2370



172.8400, -0.9240, 38.7880



116.2940, 8.1600, 6.3040



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.



180.5240, 40.7080, 33.1880



179.3670, 51.7560, 42.2200



176.6820, 54.2820, 18.4580



112.2720, 5.2260, 4.4100



65.0480, 81.4160, 66.3760



19.8220, 24.7090, 20.2690

Inverse Universe

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



180.5240, 40.7080, 33.1880



179.3670, 51.7560, 42.2200



211.9050, -54.5570, -18.9810



112.2720, 5.2260, 4.4100



65.0480, 81.4160, 66.3760



19.8220, 24.7090, 20.2690

Previews

White Background



This preview shows how the YIQ color 180.5240, 40.7080, 33.1880 looks on a white background.

Color Contrast Check

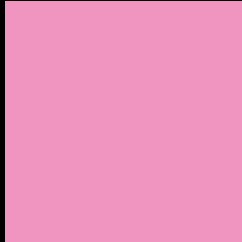
Large Text (above 18pt) WCAG AA × Fail

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 180.5240, 40.7080, 33.1880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

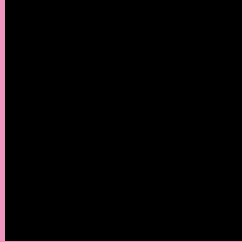
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.5240, 40.7080, 33.1880

Background



This preview shows how black text looks on a background with the YIQ color 180.5240, 40.7080, 33.1880.



This preview shows how white text looks on a background with the YIQ color 180.5240, 40.7080,

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

180.5240, 40.7080, 33.1880

Protanopia

177.3810, -13.8940, 9.5140

Deuteranopia

178.3200, 5.2710, 9.1030



Tritanopia

179.4840, 46.2120, 21.5400

Trichromacy



Original Color

180.5240, 40.7080, 33.1880



Protanomaly

178.3020, 5.6820, 18.1780



Deuteranomaly

179.4190, 18.4740, 17.6260



Tritanomaly

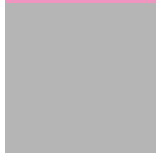
179.7490, 44.1480, 25.9080

Monochromacy



Original Color

180.5240, 40.7080, 33.1880



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

180.6910, 14.5320, 11.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.5240, 40.7080, 33.1880 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(240, 148, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 148, 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(240, 148, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 148, 192) }
```

Border

The CSS property to change the border of an element to YIQ 180.5240, 40.7080, 33.1880 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(240, 148, 192) }
```


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

```
.border{ border-color:rgb(240, 148, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 148, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 148, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 148, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 148,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 180.5240, 40.7080, 33.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 148, 192) }
```

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

```
.background{ background-color: rgb(240,  
148, 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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