

Converting Colors

YIQ(180.4270, 34.3320, 49.6280)

Have a look what the booklet for
YIQ(180.4270, 34.3320, 49.6280)
contains.

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Color

**YIQ(180.4270, 34.3320,
49.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	F48BE3
RGB	244, 139, 227
RGB Percent	96%, 55%, 89%
CMY	0.0428, 0.4551, 0.1097
CMYK	0.00, 0.43, 0.07, 0.04
HSL	310°, 83%, 75%
HSV	310°, 43%, 96%
XYZ	60.4290, 43.2465, 77.8481
YIQ	180.4270, 34.3320, 49.6280

Conversions

Conversions Part 2

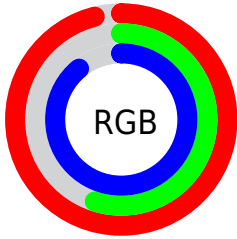
Format	Color
R_{YB}	244, 139, 227
Decimal	16026595
CIE _{Lab}	71.72, 51.83, -27.59
CIE _{LCh}	72, 58.714, 331.968
Yxy	43.2465, 0.3329, 0.2382
Android (android.graphics.Color)	4294216675 (0xFFFF48BE3)
YUV	180.4270, 22.9605, 55.7535
Hunter-Lab	65.7621, 48.9405, -24.1530

Details

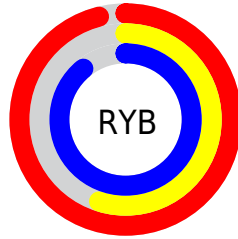
The YIQ color **180.4270, 34.3320, 49.6280** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **202.5730, -34.3320, -49.6280**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.7800, 16.5000, 31.3800**, and **125.0030, 32.5900, 48.1580** is the 20% darker color. If you saturate the color by 10%, you get **165.8830, 42.2160, 60.9360**, and if you desaturate by 10%, it is **194.9710, 26.4480, 38.3200**.

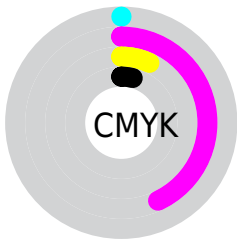
Distribution



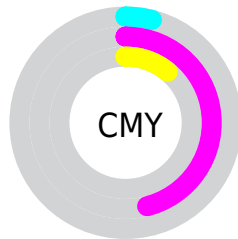
- Red (96%)
- Green (55%)
- Blue (89%)



- Red (96%)
- Yellow (55%)
- Blue (89%)



- Cyan (0%)
- Magenta (43%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 180.4270, 34.3320, 49.6280 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 180.4270, 34.3320, 49.6280 by changing the saturation by 10% instead.


 180.4270, 34.3320,
49.6280


 180.4270, 34.3320,
49.6280


255.0000, -0.0000,
-0.0000


 152.7150, 33.4610,
48.8930


 219.7800, 16.5000,
31.3800


 125.0030, 32.5900,
48.1580


 236.2160, 8.8000,
16.7360

 97.8180, 31.6730,
48.2570

 253.8260, 0.5500,
1.0460

 69.4590, 31.3060,
49.4020

 41.5130, 31.2140,
51.0700

 31.0030, 23.4220,
38.0940

 21.2050, 16.5010,

25.8530

■ 9.5420, 4.7660,
12.7500

■ 0.0000, 0.0000,
0.0000

■ 180.4270, 34.3320,
49.6280

■ 180.4270, 34.3320,
49.6280

■ 165.8830, 42.2160,
60.9360

■ 194.9710, 26.4480,
38.3200

■ 150.7520, 50.3750,
72.7670

■ 210.1020, 18.2890,
26.4890

■ 136.2080, 58.2590,
84.0750

■ 224.6460, 10.4050,
15.1810

■ 121.0770, 66.4180,
95.9060

■ 239.7770, 2.2460,
3.3500

■ 106.5330, 74.3020,
107.2140

■ 250.7990, -3.9880,
-4.8200

■ 96.2120, 79.9400,
115.1720

■ 251.2550, -5.2720,
-3.5760

■ 251.7110, -6.5560,
-2.3320

Harmonies

Analogous

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



177.7070, -16.7870, 34.4210



180.4270, 34.3320, 49.6280



171.2170, 60.9260, 41.2300

Triad

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



180.4270, 34.3320, 49.6280



169.6040, 52.6400, -28.8960



144.3210, -129.4260, -33.2820

Complementary

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



180.4270, 34.3320, 49.6280



202.5730, -34.3320, -49.6280

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.



138.8660, -112.6880, -50.2880



180.4270, 34.3320, 49.6280



164.3150, 10.5530, -42.5910

Square

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



180.4270, 34.3320, 49.6280



172.8870, 77.6690, -3.4110



151.4770, -51.6170, -50.2490



142.9480, -135.2050, -22.1570

Rectangle

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



180.4270, 34.3320, 49.6280



168.9880, 71.3360, 28.7760



151.4770, -51.6170, -50.2490



142.9700, -124.2440, -39.0920

Sweetspot

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



180.4270, 34.3320, 49.6280



235.0590, 10.6800, 15.7040



155.7540, -24.1690, 36.0470



115.2170, 7.0590, 9.7390



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.



180.4270, 34.3320, 49.6280



174.4210, 43.6370, 62.7170



174.6130, 50.7030, 33.7670



114.7280, 3.9420, 5.6540



73.3980, 60.7800, 87.9480



23.2270, 19.4350, 27.7470

Inverse Universe

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



180.4270, 34.3320, 49.6280



174.4210, 43.6370, 62.7170



208.3870, -50.7030, -33.7670



114.7280, 3.9420, 5.6540



73.3980, 60.7800, 87.9480



23.2270, 19.4350, 27.7470

Previews

White Background



This preview shows how the YIQ color 180.4270, 34.3320, 49.6280 looks on a white background.

Color Contrast Check

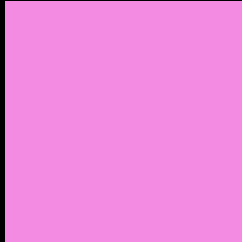
Large Text (above 18pt) WCAG AA × Fail

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 180.4270, 34.3320, 49.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

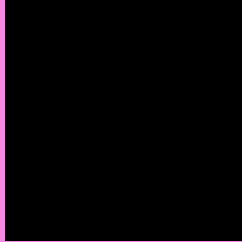
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 180.4270, 34.3320, 49.6280

Background



This preview shows how black text looks on a background with the YIQ color 180.4270, 34.3320, 49.6280.



This preview shows how white text looks on a background with the YIQ color 180.4270, 34.3320,

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

180.4270, 34.3320, 49.6280

Protanopia

175.5420, -38.7920, 20.2160

Deuteranopia

177.5750, -17.1960, 14.2920



Tritanopia

178.7830, 46.8080, 21.7520

Trichromacy



Original Color

180.4270, 34.3320, 49.6280



Protanomaly

177.6380, -12.3390, 30.9010



Deuteranomaly

178.8320, 1.5540, 26.9140



Tritanomaly

179.3670, 42.5880, 32.1560

Monochromacy



Original Color

180.4270, 34.3320, 49.6280



Achromatopsia

180.0000, -0.0000, -0.0000



Achromatomaly

180.0100, 12.3760, 18.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.4270, 34.3320, 49.6280 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(244, 139, 227)` looks like.

```
.text, #text, p{  
    color:rgb(244, 139, 227)  
}
```

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(244, 139, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 139, 227) }
```

Border

The CSS property to change the border of an element to YIQ 180.4270, 34.3320, 49.6280 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(244, 139, 227) }
```


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

```
.border{ border-color:rgb(244, 139, 227) }
```

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

Here you see how a box with a 4 pixel rgb(244, 139, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 139, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 139, 227);  
box-shadow:4px 4px 4px 4px rgb(244, 139,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 180.4270, 34.3320, 49.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 139, 227) }
```

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

```
.background{ background-color: rgb(244,  
139, 227) }
```

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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