

Converting Colors

YIQ(181.1500, 44.6970, 32.4810)

Have a look what the booklet for
YIQ(181.1500, 44.6970, 32.4810)
contains.

YIQ(181.1500, 44.6970, 32.4810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(181.1500, 44.6970,
32.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	F494BB
RGB	244, 148, 187
RGB Percent	96%, 58%, 73%
CMY	0.0429, 0.4197, 0.2665
CMYK	0.00, 0.39, 0.23, 0.04
HSL	336°, 81%, 77%
HSV	336°, 39%, 96%
XYZ	56.8878, 44.0013, 52.5296
YIQ	181.1500, 44.6970, 32.4810

Conversions

Conversions Part 2

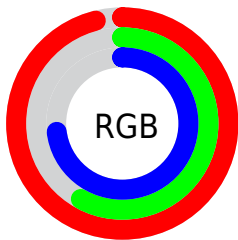
Format	Color
R _Y B	244, 148, 187
Decimal	16028859
CIE Lab	72.23, 41.07, -4.74
CIE LCh	72, 41.344, 353.417
Yxy	44.0013, 0.3708, 0.2868
Android (android.graphics.Color)	4294218939 (0xFFFF494BB)
YUV	181.1500, 2.8840, 55.1194
Hunter-Lab	66.3335, 36.9988, -0.5184

Details

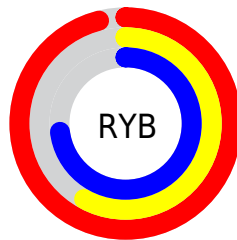
The YIQ color **181.1500, 44.6970, 32.4810** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **210.8500, -44.6970, -32.4810**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1080, 18.1520, 23.4640**, and **126.6550, 41.7170, 31.4210** is the 20% darker color. If you saturate the color by 10%, you get **165.4660, 55.7910, 40.6790**, and if you desaturate by 10%, it is **196.9480, 33.2820, 24.5940**.

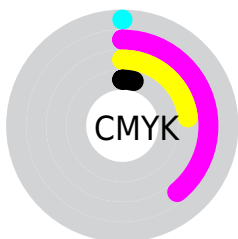
Distribution



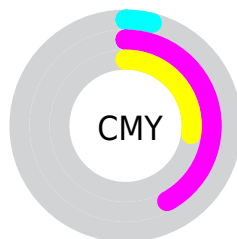
- Red (96%)
- Green (58%)
- Blue (73%)



- Red (96%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (39%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 181.1500, 44.6970, 32.4810 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 181.1500, 44.6970, 32.4810 by changing the saturation by 10% instead.


 181.1500, 44.6970,
32.4810


 181.1500, 44.6970,
32.4810


255.0000, -0.0000,
-0.0000


 153.5520, 43.5050,
32.0570


 223.1080, 18.1520,
23.4640


 126.6550, 41.7170,
31.4210

 241.4990, 6.3250,
12.0290

 100.1710, 40.2040,
31.3080

 74.2740, 38.4160,
30.6720

 46.5560, 37.6820,
32.9620

 27.5830, 33.0520,
28.7640

 18.0130, 25.4890,

17.1450

■ 5.3820, 10.7280,
3.8160

■ 0.0000, 0.0000,
0.0000

■ 181.1500, 44.6970,
32.4810

■ 181.1500, 44.6970,
32.4810

■ 165.4660, 55.7910,
40.6790

■ 196.9480, 33.2820,
24.5940

■ 149.0810, 67.4810,
49.0890

■ 213.2190, 21.9130,
15.8730

■ 133.3970, 78.5750,
57.2870

■ 228.9030, 10.8190,
7.6750

■ 117.0120, 90.2650,
65.6970

■ 245.2880, -0.8710,
-0.7350

■ 101.3280,
101.3590, 73.8950

■ 251.7110, -6.5560,
-2.3320

■ 85.5300, 112.7740,
81.7820

■ 84.2420, 113.6450,
82.5170

Harmonies

Analogous

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



182.4640, 14.5740, 33.2460



181.1500, 44.6970, 32.4810



179.1990, 60.1960, 21.4120

Triad

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



181.1500, 44.6970, 32.4810



171.2210, 17.2900, -27.0140



140.0210, -128.2810, -26.4970

Complementary

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



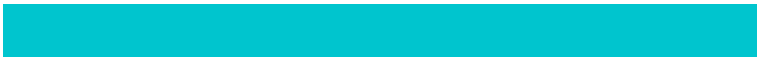
181.1500, 44.6970, 32.4810



210.8500, -44.6970, -32.4810

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.



139.1230, -120.3010, -38.9650



181.1500, 44.6970, 32.4810



165.6110, -19.1590, -32.7510

Square

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



181.1500, 44.6970, 32.4810



174.9690, 44.8430, -14.2370



156.8030, -63.6780, -35.4060



167.2450, -69.2330, 4.7110

Rectangle

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



181.1500, 44.6970, 32.4810



178.1200, 61.4360, 9.9480



156.8030, -63.6780, -35.4060



139.8700, -126.5380, -30.5540

Sweetspot

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



181.1500, 44.6970, 32.4810



234.7510, 14.3030, 10.6150



175.6880, 2.5600, 41.7280



116.1800, 8.4810, 5.9930



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.



181.1500, 44.6970, 32.4810



176.4660, 55.7910, 40.6790



181.4000, 55.0160, 16.1680



114.1580, 5.5470, 4.0990



64.2780, 86.4600, 63.0680



20.3770, 27.4600, 19.9720

Inverse Universe

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



181.1500, 44.6970, 32.4810



176.4660, 55.7910, 40.6790



210.6000, -55.0160, -16.1680



114.1580, 5.5470, 4.0990



64.2780, 86.4600, 63.0680



20.3770, 27.4600, 19.9720

Previews

White Background



This preview shows how the YIQ color 181.1500, 44.6970, 32.4810 looks on a white background.

Color Contrast Check

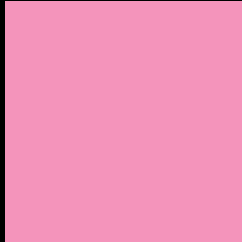
Large Text (above 18pt) WCAG AA × Fail

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 181.1500, 44.6970, 32.4810 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 181.1500, 44.6970, 32.4810

Background



This preview shows how black text looks on a background with the YIQ color 181.1500, 44.6970, 32.4810.



This preview shows how white text looks on a background with the YIQ color 181.1500, 44.6970,

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

181.1500, 44.6970, 32.4810

Protanopia

178.4090, -11.0970, 8.3830

Deuteranopia

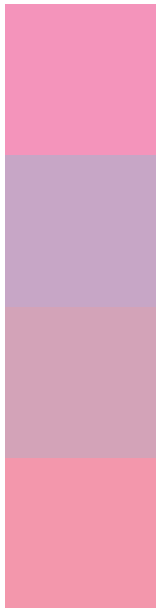
179.2340, 8.3890, 7.6610



Tritanopia

180.2780, 49.7880, 22.8120

Trichromacy



Original Color

181.1500, 44.6970, 32.4810

Protanomaly

179.5150, 9.3960, 16.9480

Deuteranomaly

179.7460, 21.8670, 16.7070

Tritanomaly

180.9020, 48.0910, 26.0350

Monochromacy



Original Color

181.1500, 44.6970, 32.4810

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.0610, 16.3660, 11.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.1500, 44.6970, 32.4810 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, 148, 187)` looks like.

```
.text, #text, p{  
    color:rgb(244, 148, 187)  
}
```

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, 148, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 148, 187) }
```

Border

The CSS property to change the border of an element to YIQ 181.1500, 44.6970, 32.4810 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, 148, 187) }
```


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

```
.border{ border-color:rgb(244, 148, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 148, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 148, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 148, 187);  
box-shadow:4px 4px 4px 4px rgb(244, 148,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 181.1500, 44.6970, 32.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 148, 187) }
```

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

```
.background{ background-color: rgb(244,  
148, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor