

Converting Colors

YIQ(188.4130, 44.9740, 21.9500)

Have a look what the booklet for
YIQ(188.4130, 44.9740, 21.9500)
contains.

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Color

**YIQ(188.4130, 44.9740,
21.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A2B0
RGB	245, 162, 176
RGB Percent	96%, 64%, 69%
CMY	0.0390, 0.3648, 0.3096
CMYK	0.00, 0.34, 0.28, 0.04
HSL	350°, 81%, 80%
HSV	350°, 34%, 96%
XYZ	58.4294, 48.3866, 47.3565
YIQ	188.4130, 44.9740, 21.9500

Conversions

Conversions Part 2

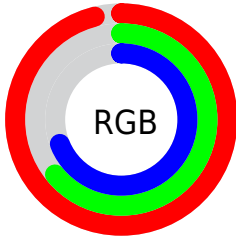
Format	Color
R _Y B	245, 162, 176
Decimal	16097968
CIE Lab	75.07, 32.61, 5.48
CIE LCh	75, 33.065, 9.544
Yxy	48.3866, 0.3790, 0.3138
Android (android.graphics.Color)	4294288048 (0xFF5A2B0)
YUV	188.4130, -6.1196, 49.6268
Hunter-Lab	69.5605, 28.2057, 8.3280

Details

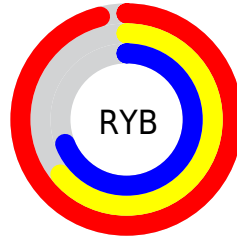
The YIQ color **188.4130, 44.9740, 21.9500** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **218.5870, -44.9740, -21.9500**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.6590, 17.5580, 12.1980**, and **134.0320, 41.6730, 21.2010** is the 20% darker color. If you saturate the color by 10%, you get **171.4580, 58.2690, 28.8050**, and if you desaturate by 10%, it is **204.7810, 31.9540, 15.6180**.

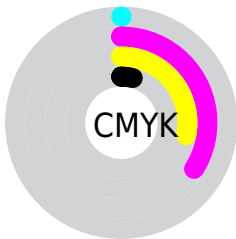
Distribution



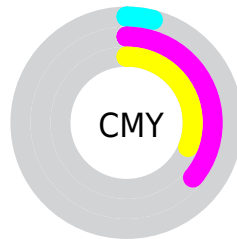
- Red (96%)
- Green (64%)
- Blue (69%)



- Red (96%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.4130, 44.9740, 21.9500 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 188.4130, 44.9740, 21.9500 by changing the saturation by 10% instead.


 188.4130, 44.9740,
21.9500


 188.4130, 44.9740,
21.9500


255.0000, -0.0000,
-0.0000


 160.8150, 43.7820,
21.5260


 230.6590, 17.5580,
12.1980


 134.0320, 41.6730,
21.2010

 249.7170, 2.4750,
4.7070

 108.1350, 39.8850,
20.5650

 82.3520, 37.7760,
20.2400

 57.8680, 36.2630,
20.1270

 32.1390, 34.0620,
21.4700

 16.9440, 29.9370,

13.6250

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 188.4130, 44.9740,
21.9500

■ 188.4130, 44.9740,
21.9500

■ 171.4580, 58.2690,
28.8050

■ 204.7810, 31.9540,
15.6180

■ 154.9760, 71.6100,
34.8260

■ 221.8500, 18.3380,
9.0740

■ 138.0210, 84.9050,
41.6810

■ 238.2180, 5.3180,
2.7420

■ 121.6530, 97.9250,
48.0130

■ 252.0100, -5.9600,
-2.1200

■ 104.5840,
111.5410, 54.5570

■ 88.2160, 124.5610,
60.8890

■ 78.0430, 132.5380,
65.0020

Harmonies

Analogous

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



189.5220, 25.8540, 27.0540



188.4130, 44.9740, 21.9500



186.5580, 51.3950, 10.2030

Triad

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



188.4130, 44.9740, 21.9500



178.8200, -0.4540, -24.8220



175.4380, -62.7670, -2.3430

Complementary

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



188.4130, 44.9740, 21.9500



218.5870, -44.9740, -21.9500

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.



168.2370, -75.9230, -17.2270



188.4130, 44.9740, 21.9500



173.9550, -31.6310, -26.9830

Square

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



188.4130, 44.9740, 21.9500



181.9220, 25.8620, -17.1620



169.0950, -61.2040, -25.1720



183.3650, -34.1600, 13.3600

Rectangle

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



188.4130, 44.9740, 21.9500



185.1950, 47.6830, 0.3790



169.0950, -61.2040, -25.1720



172.1550, -69.4600, -7.7000

Sweetspot

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



188.4130, 44.9740, 21.9500



237.9310, 13.6160, 6.5440



191.7940, 13.8850, 40.2290



117.1260, 8.5730, 4.3250



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.



188.4130, 44.9740, 21.9500



183.4470, 56.8020, 27.8580



202.0790, 42.3180, 3.9980



113.8160, 6.5100, 3.1660



59.2620, 100.5840, 49.3840



18.7810, 31.9540, 15.6180

Inverse Universe

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



188.4130, 44.9740, 21.9500



183.4470, 56.8020, 27.8580



204.9210, -42.3180, -3.9980



113.8160, 6.5100, 3.1660



59.2620, 100.5840, 49.3840



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 188.4130, 44.9740, 21.9500 looks on a white background.

Color Contrast Check

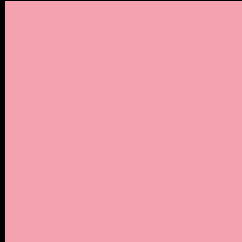
Large Text (above 18pt) WCAG AA × Fail

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 188.4130, 44.9740, 21.9500 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 188.4130, 44.9740, 21.9500

Background



This preview shows how black text looks on a background with the YIQ color 188.4130, 44.9740, 21.9500.



This preview shows how white text looks on a background with the YIQ color 188.4130, 44.9740,

21.9500.

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

188.4130, 44.9740, 21.9500

Protanopia

185.4670, 0.1830, 2.1910

Deuteranopia

186.9870, 19.2100, 4.2820



Tritanopia

188.1850, 45.6160, 21.3280

Trichromacy



Original Color

188.4130, 44.9740, 21.9500



Protanomaly

186.4800, 16.5040, 9.2720



Deuteranomaly

187.4660, 28.2870, 10.4870



Tritanomaly

188.2990, 45.2950, 21.6390

Monochromacy



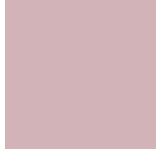
Original Color

188.4130, 44.9740, 21.9500



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.5400, 16.2750, 7.9150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.4130, 44.9740, 21.9500 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(245, 162, 176)` looks like.

```
.text, #text, p{  
    color:rgb(245, 162, 176)  
}
```

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(245, 162, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 162, 176) }
```

Border

The CSS property to change the border of an element to YIQ 188.4130, 44.9740, 21.9500 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(245, 162, 176) }
```


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

```
.border{ border-color:rgb(245, 162, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 162, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 162, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 162, 176);  
box-shadow:4px 4px 4px 4px rgb(245, 162,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 188.4130, 44.9740, 21.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 162, 176) }
```

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

```
.background{ background-color: rgb(245,  
162, 176) }
```

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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