

Converting Colors

YIQ(198.0000, 44.6990, 21.4270)

Have a look what the booklet for
YIQ(198.0000, 44.6990, 21.4270)
contains.

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Color

**YIQ(198.0000, 44.6990,
21.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	FEACB9
RGB	254, 172, 185
RGB Percent	100%, 67%, 73%
CMY	0.0037, 0.3256, 0.2743
CMYK	0.00, 0.32, 0.27, 0.00
HSL	350°, 98%, 84%
HSV	350°, 32%, 100%
XYZ	64.3995, 54.0771, 52.9663
YIQ	198.0000, 44.6990, 21.4270

Conversions

Conversions Part 2

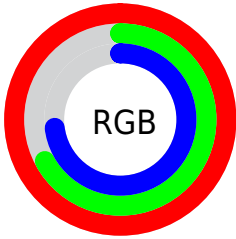
Format	Color
RYB	254, 172, 185
Decimal	16690361
CIELab	78.51, 31.80, 5.65
CIELCh	79, 32.297, 10.074
Yxy	54.0771, 0.3756, 0.3154
Android (android.graphics.Color)	4294880441 (0xFFFEACB9)
YUV	198.0000, -6.4090, 49.1120
Hunter-Lab	73.5372, 27.6296, 8.7715

Details

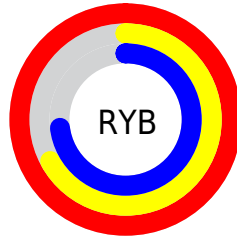
The YIQ color **198.0000, 44.6990, 21.4270** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **228.0000, -44.6990, -21.4270**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5550, 11.9190, 9.7670**, and **143.5050, 41.7190, 20.3670** is the 20% darker color. If you saturate the color by 10%, you get **180.9310, 58.3150, 27.9710**, and if you desaturate by 10%, it is **215.0690, 31.0830, 14.8830**.

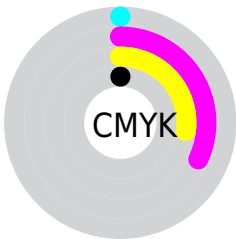
Distribution



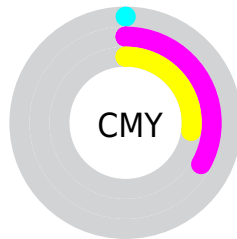
- Red (100%)
- Green (67%)
- Blue (73%)



- Red (100%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.0000, 44.6990, 21.4270 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 198.0000, 44.6990, 21.4270 by changing the saturation by 10% instead.


 198.0000, 44.6990,
21.4270


 198.0000, 44.6990,
21.4270


255.0000, -0.0000,
-0.0000


 170.4020, 43.5070,
21.0030


 237.5550, 11.9190,
9.7670

 143.5050, 41.7190,
20.3670

 116.7220, 39.6100,
20.0420

 91.8250, 37.8220,
19.4060

 66.4550, 35.9880,
19.6040

 41.7860, 33.5580,
19.5900

 20.2910, 30.5780,

18.5300

■ 11.7750, 22.9230,
8.5790

■ 0.0000, 0.0000,
0.0000

■ 198.0000, 44.6990,
21.4270

■ 198.0000, 44.6990,
21.4270

■ 180.9310, 58.3150,
27.9710

■ 215.0690, 31.0830,
14.8830

■ 163.1610, 72.5270,
34.7270

■ 232.8390, 16.8710,
8.1270

■ 146.0920, 86.1430,
41.2710

■ 249.9080, 3.2550,
1.5830

■ 128.4360,
100.0340, 48.3380

■ 254.7010, -0.5960,
-0.2120

■ 111.2530,
113.9710, 54.5710

■ 94.1840, 127.5870,
61.1150

■ 80.5060, 138.5440,
66.2880

Harmonies

Analogous

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



199.2940, 26.4960, 26.4320



198.0000, 44.6990, 21.4270



196.2590, 50.7990, 9.9910

Triad

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



198.0000, 44.6990, 21.4270



188.0480, -1.0960, -24.2000



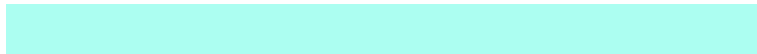
185.6340, -60.3830, -1.4950

Complementary

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



198.0000, 44.6990, 21.4270



228.0000, -44.6990, -21.4270

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.



179.0310, -72.3470, -15.9550



198.0000, 44.6990, 21.4270



183.3680, -31.3560, -26.4600

Square

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



198.0000, 44.6990, 21.4270



191.7370, 24.9450, -17.0630



179.4050, -59.1410, -24.0130



193.5500, -33.2430, 13.2610

Rectangle

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



198.0000, 44.6990, 21.4270



194.8960, 47.0870, 0.1670



179.4050, -59.1410, -24.0130



182.6500, -66.4800, -6.6400

Sweetspot

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



198.0000, 44.6990, 21.4270



237.9310, 13.6160, 6.5440



201.6800, 14.2060, 39.9180



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.



198.0000, 44.6990, 21.4270



187.3110, 54.1890, 25.6530



212.3670, 41.4470, 3.2630



119.1150, 7.1060, 3.3780



60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780

Inverse Universe

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



198.0000, 44.6990, 21.4270



187.3110, 54.1890, 25.6530



213.6330, -41.4470, -3.2630



119.1150, 7.1060, 3.3780



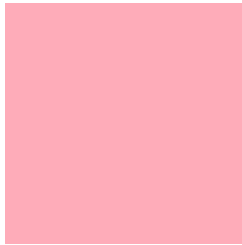
60.5290, 104.2060, 49.8220



20.2760, 34.9340, 16.6780

Previews

White Background



This preview shows how the YIQ color 198.0000, 44.6990, 21.4270 looks on a white background.

Color Contrast Check

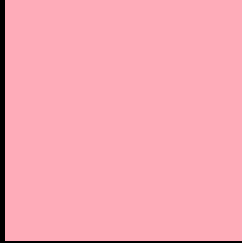
Large Text (above 18pt) WCAG AA × Fail

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 198.0000, 44.6990, 21.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

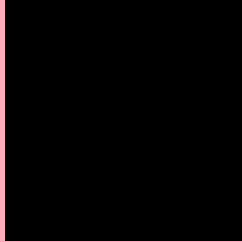
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.0000, 44.6990, 21.4270

Background



This preview shows how black text looks on a background with the YIQ color 198.0000, 44.6990, 21.4270.



This preview shows how white text looks on a background with the YIQ color 198.0000, 44.6990,

21.4270.

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

198.0000, 44.6990, 21.4270

Protanopia

195.2390, 0.8250, 1.5690

Deuteranopia

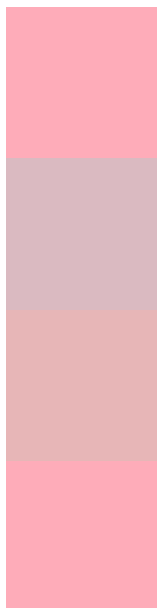
196.2860, 19.8060, 4.4940



Tritanopia

198.0000, 44.6990, 21.4270

Trichromacy



Original Color

198.0000, 44.6990, 21.4270

Protanomaly

196.3660, 16.8250, 8.9610

Deuteranomaly

196.7650, 28.8830, 10.6990

Tritanomaly

198.0000, 44.6990, 21.4270

Monochromacy



Original Color

198.0000, 44.6990, 21.4270

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1270, 16.0000, 7.3920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0000, 44.6990, 21.4270 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(254, 172, 185)` looks like.

```
.text, #text, p{  
    color:rgb(254, 172, 185)  
}
```

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(254, 172, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 172, 185) }
```

Border

The CSS property to change the border of an element to YIQ 198.0000, 44.6990, 21.4270 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(254, 172, 185) }
```


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

```
.border{ border-color:rgb(254, 172, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 172, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(254, 172,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0000, 44.6990, 21.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 172, 185) }
```

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

```
.background{ background-color: rgb(254,  
172, 185) }
```

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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