

Converting Colors

YIQ(198.3610, 33.5570, 25.1170)

Have a look what the booklet for
YIQ(198.3610, 33.5570, 25.1170)
contains.

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Color

**YIQ(198.3610, 33.5570,
25.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	F6ADCC
RGB	246, 173, 204
RGB Percent	96%, 68%, 80%
CMY	0.0351, 0.3217, 0.1999
CMYK	0.00, 0.30, 0.17, 0.04
HSL	335°, 80%, 82%
HSV	335°, 30%, 96%
XYZ	63.8634, 53.8381, 64.1701
YIQ	198.3610, 33.5570, 25.1170

Conversions

Conversions Part 2

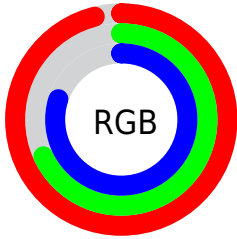
Format	Color
R _Y B	246, 173, 204
Decimal	16166348
CIE Lab	78.37, 31.18, -4.98
CIE LCh	78, 31.573, 350.924
Yxy	53.8381, 0.3511, 0.2960
Android (android.graphics.Color)	4294356428 (0xFF6ADCC)
YUV	198.3610, 2.7800, 41.7794
Hunter-Lab	73.3745, 26.9570, -0.4903

Details

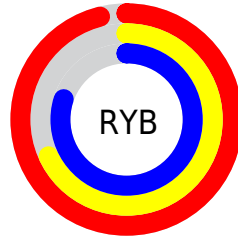
The YIQ color $198.3610, 33.5570, 25.1170$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $220.6390, -33.5570, -25.1170$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $239.7380, 7.1500, 13.5980$, and $144.0510, 31.4940, 23.9580$ is the 20% darker color. If you saturate the color by 10%, you get $182.0900, 44.9260, 33.8380$, and if you desaturate by 10%, it is $214.6320, 22.1880, 16.3960$.

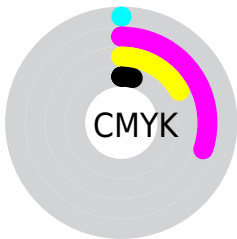
Distribution



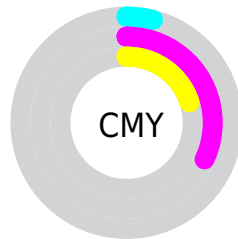
- Red (96%)
- Green (68%)
- Blue (80%)



- Red (96%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.3610, 33.5570, 25.1170 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 198.3610, 33.5570, 25.1170 by changing the saturation by 10% instead.


 198.3610, 33.5570,
25.1170


 198.3610, 33.5570,
25.1170


255.0000, -0.0000,
-0.0000


 170.7630, 32.3650,
24.6930


 239.7380, 7.1500,
13.5980

 144.0510, 31.4940,
23.9580

 117.4530, 30.3020,
23.5340

 92.4420, 28.8350,
22.5870

 67.5450, 27.0470,
21.9510

 43.4740, 25.8090,
22.3610

 20.6910, 23.7000,

22.0360

■ 11.7470, 20.1260,
9.7100

■ 0.0000, 0.0000,
0.0000

■ 198.3610, 33.5570,
25.1170

■ 198.3610, 33.5570,
25.1170

■ 182.0900, 44.9260,
33.8380

■ 214.6320, 22.1880,
16.3960

■ 166.4060, 56.0200,
42.0360

■ 230.3160, 11.0940,
8.1980

■ 150.1350, 67.3890,
50.7570

■ 246.5870, -0.2750,
-0.5230

■ 134.3370, 78.8040,
58.6440

■ 252.3090, -5.3640,
-1.9080

■ 118.0660, 90.1730,
67.3650

■ 101.7950,
101.5420, 76.0860

■ 86.1110, 112.6360,
84.2840

■ 85.5240, 112.9110,
84.8070

Harmonies

Analogous

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



198.0840, 9.5320, 25.5000



198.3610, 33.5570, 25.1170



197.0340, 47.3590, 17.2710

Triad

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



198.3610, 33.5570, 25.1170



189.7790, 15.9590, -19.4090



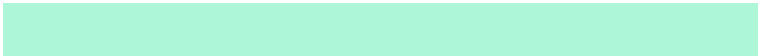
180.6450, -68.0840, -10.6120

Complementary

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



198.3610, 33.5570, 25.1170



220.6390, -33.5570, -25.1170

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.



178.7620, -64.4600, -21.2280



198.3610, 33.5570, 25.1170



186.5460, -11.3660, -25.3020

Square

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



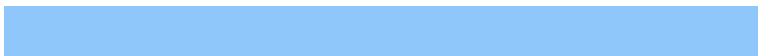
198.3610, 33.5570, 25.1170



193.1240, 37.2770, -9.2750



182.2190, -41.1220, -25.6820



188.1840, -50.0680, 4.3000

Rectangle

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



198.3610, 33.5570, 25.1170



196.2480, 49.3320, 9.0440



182.2190, -41.1220, -25.6820



179.5260, -69.3670, -14.8950

Sweetspot

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



198.3610, 33.5570, 25.1170



240.0170, 10.4980, 7.9860



193.5810, 1.0030, 31.3950



118.1690, 7.0140, 5.0460



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.



198.3610, 33.5570, 25.1170



194.9540, 42.3130, 31.6330



197.7620, 42.1330, 12.8610



114.1580, 5.5470, 4.0990



64.6200, 85.4970, 64.0010



20.4910, 27.1390, 20.2830

Inverse Universe

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



198.3610, 33.5570, 25.1170



194.9540, 42.3130, 31.6330



221.2380, -42.1330, -12.8610



114.1580, 5.5470, 4.0990



64.6200, 85.4970, 64.0010



20.4910, 27.1390, 20.2830

Previews

White Background



This preview shows how the YIQ color 198.3610, 33.5570, 25.1170 looks on a white background.

Color Contrast Check

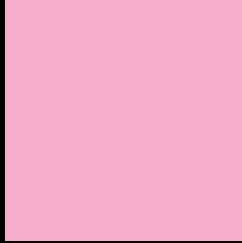
Large Text (above 18pt) WCAG AA × Fail

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 198.3610, 33.5570, 25.1170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

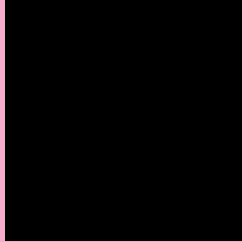
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.3610, 33.5570, 25.1170

Background



This preview shows how black text looks on a background with the YIQ color 198.3610, 33.5570, 25.1170.



This preview shows how white text looks on a background with the YIQ color 198.3610, 33.5570,

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

198.3610, 33.5570, 25.1170

Protanopia

195.0240, -8.5750, 6.7290

Deuteranopia

196.0600, 8.9390, 8.7070



Tritanopia

197.8140, 36.3550, 18.4590

Trichromacy



Original Color

198.3610, 33.5570, 25.1170

Protanomaly

196.4390, 6.5540, 13.3860

Deuteranomaly

197.1260, 17.7410, 14.3890

Tritanomaly

198.0960, 35.6210, 20.7490

Monochromacy



Original Color

198.3610, 33.5570, 25.1170

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0280, 11.9650, 8.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3610, 33.5570, 25.1170 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(246, 173, 204)` looks like.

```
.text, #text, p{  
    color:rgb(246, 173, 204)  
}
```

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(246, 173, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 173, 204) }
```

Border

The CSS property to change the border of an element to YIQ 198.3610, 33.5570, 25.1170 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(246, 173, 204) }
```


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

```
.border{ border-color:rgb(246, 173, 204) }
```

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

Here you see how a box with a 4 pixel rgb(246, 173, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(246, 173,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3610, 33.5570, 25.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 173, 204) }
```

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

```
.background{ background-color: rgb(246,  
173, 204) }
```

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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