

Converting Colors

YIQ(198.4670, 35.7140, 13.5540)

Have a look what the booklet for
YIQ(198.4670, 35.7140, 13.5540)
contains.

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Color

**YIQ(198.4670, 35.7140,
13.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B4B6
RGB	241, 180, 182
RGB Percent	95%, 71%, 71%
CMY	0.0548, 0.2942, 0.2861
CMYK	0.00, 0.25, 0.24, 0.05
HSL	358°, 69%, 83%
HSV	358°, 25%, 95%
XYZ	61.0516, 54.7184, 51.6193
YIQ	198.4670, 35.7140, 13.5540

Conversions

Conversions Part 2

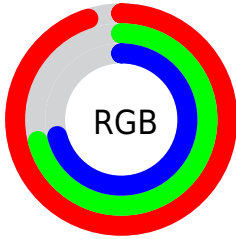
Format	Color
R _Y B	241, 180, 182
Decimal	15840438
CIE Lab	78.88, 22.45, 7.64
CIE LCh	79, 23.712, 18.785
Yxy	54.7184, 0.3647, 0.3269
Android (android.graphics.Color)	4294030518 (0xFFFF1B4B6)
YUV	198.4670, -8.1182, 37.3014
Hunter-Lab	73.9719, 17.8717, 10.4064

Details

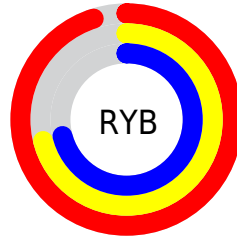
The YIQ color **198.4670, 35.7140, 13.5540** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **222.5330, -35.7140, -13.5540**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.9090, 10.6820, 4.6500**, and **144.2710, 33.3300, 12.7060** is the 20% darker color. If you saturate the color by 10%, you get **181.7570, 49.6970, 18.9530**, and if you desaturate by 10%, it is **215.1770, 21.7310, 8.1550**.

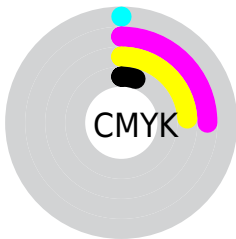
Distribution



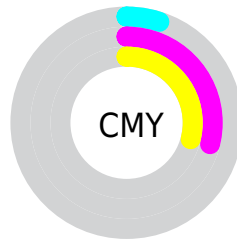
- Red (95%)
- Green (71%)
- Blue (71%)



- Red (95%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.4670, 35.7140, 13.5540 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 198.4670, 35.7140, 13.5540 by changing the saturation by 10% instead.


 198.4670, 35.7140,
13.5540


 198.4670, 35.7140,
13.5540


255.0000, -0.0000,
-0.0000


 170.8690, 34.5220,
13.1300


 241.9090, 10.6820,
4.6500

 144.2710, 33.3300,
12.7060

 117.7870, 31.8170,
12.5930

 92.8900, 30.0290,
11.9570

 68.9930, 28.2410,
11.3210

 45.6230, 26.4070,
11.5190

 22.7260, 24.6190,

10.8830

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,
0.0000

■ 198.4670, 35.7140,
13.5540

■ 198.4670, 35.7140,
13.5540

■ 181.7570, 49.6970,
18.9530

■ 215.1770, 21.7310,
8.1550

■ 164.9330, 64.0010,
24.0410

■ 232.0010, 7.4270,
3.0670

■ 148.2230, 77.9840,
29.4400

■ 248.7110, -6.5560,
-2.3320

■ 131.5130, 91.9670,
34.8390

■ 250.8140, -8.3440,
-2.9680

■ 114.2160,
106.2250, 40.7610

■ 97.3920, 120.5290,
45.8490

■ 80.6820, 134.5120,
51.2480

■ 72.9710, 141.0680,
53.5800

Harmonies

Analogous

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



198.8820, 24.4800, 18.9120



198.4670, 35.7140, 13.5540



197.1540, 37.7330, 4.4930

Triad

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



198.4670, 35.7140, 13.5540



190.1000, -6.8740, -18.6020



192.0730, -36.6340, 3.1260

Complementary

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



198.4670, 35.7140, 13.5540



222.5330, -35.7140, -13.5540

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.



187.5890, -47.3150, -7.0510



198.4670, 35.7140, 13.5540



187.2640, -27.8270, -18.8270

Square

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



198.4670, 35.7140, 13.5540



192.5710, 13.8490, -14.2070



186.2870, -43.8290, -15.1650



195.9340, -16.8290, 13.1470

Rectangle

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



198.4670, 35.7140, 13.5540



196.1870, 32.9660, -2.7300



186.2870, -43.8290, -15.1650



190.3280, -41.9060, -0.4500

Sweetspot

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



198.4670, 35.7140, 13.5540



240.9800, 11.9200, 4.2400



204.2960, 14.9870, 31.2670



118.8870, 7.7480, 2.7560



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.



198.4670, 35.7140, 13.5540



201.9520, 44.6540, 16.7340



214.0880, 28.9310, -1.1890



111.5880, 7.1520, 2.5440



55.7000, 107.7380, 40.8740



16.9720, 32.7340, 12.4940

Inverse Universe

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



198.4670, 35.7140, 13.5540



201.9520, 44.6540, 16.7340



206.9120, -28.9310, 1.1890



111.5880, 7.1520, 2.5440



55.7000, 107.7380, 40.8740



16.9720, 32.7340, 12.4940

Previews

White Background



This preview shows how the YIQ color 198.4670, 35.7140, 13.5540 looks on a white background.

Color Contrast Check

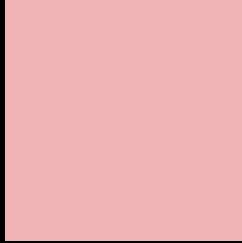
Large Text (above 18pt) WCAG AA × Fail

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 198.4670, 35.7140, 13.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

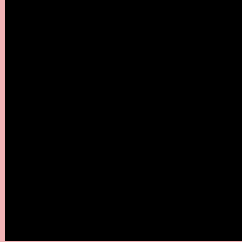
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.4670, 35.7140, 13.5540

Background



This preview shows how black text looks on a background with the YIQ color 198.4670, 35.7140, 13.5540.



This preview shows how white text looks on a background with the YIQ color 198.4670, 35.7140,

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

198.4670, 35.7140, 13.5540

Protanopia

195.9250, 4.5850, -0.4950

Deuteranopia

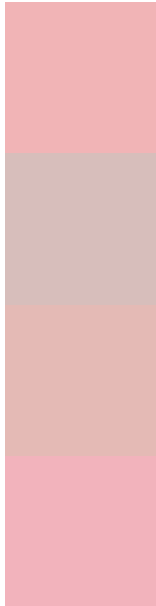
197.2430, 21.3650, 3.7730



Tritanopia

198.7320, 33.6500, 17.9220

Trichromacy



Original Color

198.4670, 35.7140, 13.5540

Protanomaly

197.1330, 15.8630, 4.3670

Deuteranomaly

197.9880, 26.6370, 7.3490

Tritanomaly

198.8630, 34.6590, 16.1550

Monochromacy



Original Color

198.4670, 35.7140, 13.5540

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.9910, 13.3870, 5.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4670, 35.7140, 13.5540 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(241, 180, 182)` looks like.

```
.text, #text, p{  
    color:rgb(241, 180, 182)  
}
```

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(241, 180, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 180, 182) }
```

Border

The CSS property to change the border of an element to YIQ 198.4670, 35.7140, 13.5540 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(241, 180, 182) }
```


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

```
.border{ border-color:rgb(241, 180, 182) }
```

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

Here you see how a box with a 4 pixel rgb(241, 180, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 180, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 180, 182);  
box-shadow:4px 4px 4px 4px rgb(241, 180,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4670, 35.7140, 13.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 180, 182) }
```

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

```
.background{ background-color: rgb(241,  
180, 182) }
```

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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