

Converting Colors

YIQ(197.9680, 38.5570, 11.5890)

Have a look what the booklet for
YIQ(197.9680, 38.5570, 11.5890)
contains.

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Color

**YIQ(197.9680, 38.5570,
11.5890)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2B4AF |
| RGB | 242, 180, 175 |
| RGB Percent | 95%, 71%, 69% |
| CMY | 0.0508, 0.2942, 0.3136 |
| CMYK | 0.00, 0.26, 0.28, 0.05 |
| HSL | 4°, 72%, 82% |
| HSV | 4°, 28%, 95% |
| XYZ | 60.6884, 54.6125, 47.9207 |
| YIQ | 197.9680, 38.5570, 11.5890 |

Conversions

Conversions Part 2

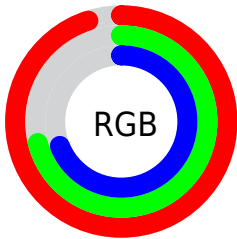
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 242, 180, 175 |
| Decimal | 15905967 |
| CIE _{Lab} | 78.82, 21.86, 11.35 |
| CIE _{LCh} | 79, 24.626, 27.438 |
| Yxy | 54.6125, 0.3718, 0.3346 |
| Android (android.graphics.Color) | 4294096047 (0xFFFF2B4AF) |
| YUV | 197.9680, -11.3232, 38.6161 |
| Hunter-Lab | 73.9002, 17.2624, 13.2835 |

Details

The YIQ color **197.9680, 38.5570, 11.5890** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **219.0320, -38.5570, -11.5890**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.1110, 12.9290, 2.4730**, and **143.8860, 35.8520, 11.0520** is the 20% darker color. If you saturate the color by 10%, you get **182.3180, 52.3110, 15.6310**, and if you desaturate by 10%, it is **213.6180, 24.8030, 7.5470**.

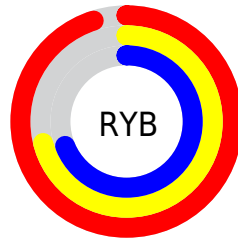
Distribution



Red (95%)

Green (71%)

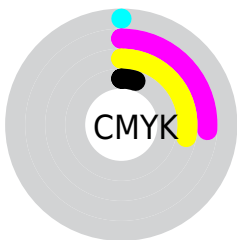
Blue (69%)



Red (95%)

Yellow (71%)

Blue (69%)

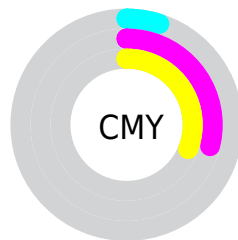


Cyan (0%)

Magenta (26%)

Yellow (28%)

Black (5%)



Cyan (5%)


Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.9680, 38.5570, 11.5890 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 197.9680, 38.5570, 11.5890 by changing the saturation by 10% instead.

 197.9680, 38.5570,
11.5890


 197.9680, 38.5570,
11.5890


255.0000, -0.0000,
-0.0000


 170.3700, 37.3650,
11.1650


 241.1110, 12.9290,
2.4730

 143.8860, 35.8520,
11.0520

 117.9890, 34.0640,
10.4160

 92.5050, 32.5510,
10.3030

 68.3090, 30.1670,
9.4550

 44.9390, 28.3330,
9.6530

 22.1130, 27.7830,

8.6070

■ 9.0840, 17.5590,
6.6710

■ 0.0000, 0.0000,
0.0000

■ 197.9680, 38.5570,
11.5890

■ 197.9680, 38.5570,
11.5890

■ 182.3180, 52.3110,
15.6310

■ 213.6180, 24.8030,
7.5470

■ 166.0810, 66.3400,
20.1960

■ 229.8550, 10.7740,
2.9820

■ 150.3170, 80.4150,
23.9270

■ 245.6190, -3.3010,
-0.7490

■ 134.0800, 94.4440,
28.4920

■ 251.1130, -7.7480,
-2.7560

■ 118.4300,
108.1980, 32.5340

■ 102.1930,
122.2270, 37.0990

■ 86.5430, 135.9810,
41.1410

■ 82.9240, 139.2820,
41.8900

Harmonies

Analogous

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



199.1060, 29.6610, 18.6290



197.9680, 38.5570, 11.5890



196.1600, 37.5960, 1.4680

Triad

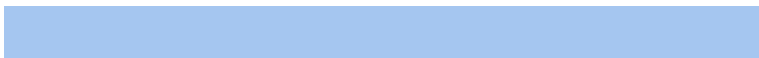
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



197.9680, 38.5570, 11.5890



188.7510, -13.2010, -19.5770



192.9210, -33.1500, 6.0660

Complementary

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



197.9680, 38.5570, 11.5890



219.0320, -38.5570, -11.5890

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.



187.8710, -48.0490, -4.7610



197.9680, 38.5570, 11.5890



186.1430, -34.7960, -19.1800

Square

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



197.9680, 38.5570, 11.5890



191.7660, 8.8060, -16.4260



185.4760, -48.7350, -14.3590



197.0380, -11.1900, 15.5780

Rectangle

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



197.9680, 38.5570, 11.5890



194.8230, 30.9950, -5.5570



185.4760, -48.7350, -14.3590



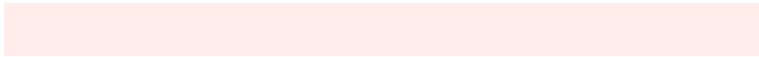
190.9910, -39.3390, 2.5890

Sweetspot

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



197.9680, 38.5570, 11.5890



241.5670, 11.6450, 3.7170



202.2150, 19.7090, 33.7970



119.4740, 7.4730, 2.2330



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.



197.9680, 38.5570, 11.5890



199.6380, 48.4140, 14.6700



217.3390, 29.4820, -5.6700



112.1750, 6.8770, 2.0210



63.2340, 105.8140, 31.6860



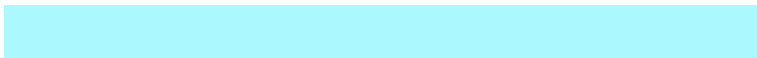
19.0920, 32.2760, 9.7800

Inverse Universe

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



219.0320, -38.5570, -11.5890



226.3620, -48.4140, -14.6700



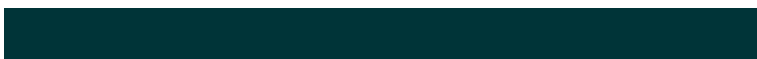
199.6610, -29.4820, 5.6700



115.8250, -6.8770, -2.0210



120.7660, -105.8140, -31.6860



36.9080, -32.2760, -9.7800

Previews

White Background



This preview shows how the YIQ color 197.9680, 38.5570, 11.5890 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 197.9680, 38.5570, 11.5890 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 197.9680, 38.5570, 11.5890

Background



This preview shows how black text looks on a background with the YIQ color 197.9680, 38.5570, 11.5890.

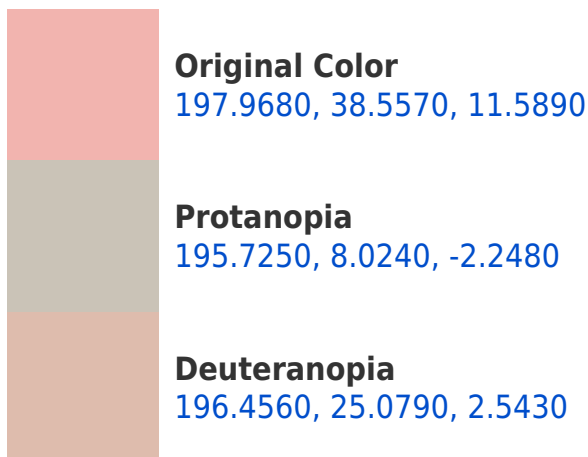


This preview shows how white text looks on a background with the YIQ color 197.9680, 38.5570,

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





Tritanopia

199.2160, 35.1630, 18.0350

Trichromacy



Original Color

197.9680, 38.5570, 11.5890

Protanomaly

196.9330, 19.3020, 2.6140

Deuteranomaly

196.9020, 29.7550, 5.9070

Tritanomaly

198.8200, 36.2180, 15.4340

Monochromacy



Original Color

197.9680, 38.5570, 11.5890

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

197.7630, 14.0290, 4.5650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.9680, 38.5570, 11.5890 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(242, 180, 175)` looks like.

```
.text, #text, p{  
    color:rgb(242, 180, 175)  
}
```

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(242, 180, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 180, 175) }
```

Border

The CSS property to change the border of an element to YIQ 197.9680, 38.5570, 11.5890 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(242, 180, 175) }
```


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

```
.border{ border-color:rgb(242, 180, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 180, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 180, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 180, 175);  
box-shadow:4px 4px 4px 4px rgb(242, 180,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 197.9680, 38.5570, 11.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 180, 175) }
```

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

```
.background{ background-color: rgb(242,  
180, 175) }
```

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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