

Converting Colors

YIQ(198.5060, 39.9780, 13.3700)

Have a look what the booklet for
YIQ(198.5060, 39.9780, 13.3700)
contains.

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Color

**YIQ(198.5060, 39.9780,
13.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B3B1
RGB	245, 179, 177
RGB Percent	96%, 70%, 69%
CMY	0.0391, 0.2981, 0.3057
CMYK	0.00, 0.27, 0.28, 0.04
HSL	2°, 77%, 83%
HSV	2°, 28%, 96%
XYZ	61.7245, 54.8247, 48.9453
YIQ	198.5060, 39.9780, 13.3700

Conversions

Conversions Part 2

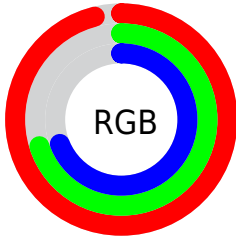
Format	Color
R _Y B	245, 179, 177
Decimal	16102321
CIE Lab	78.94, 23.76, 10.48
CIE LCh	79, 25.973, 23.803
Yxy	54.8247, 0.3730, 0.3313
Android (android.graphics.Color)	4294292401 (0xFFFF5B3B1)
YUV	198.5060, -10.6025, 40.7752
Hunter-Lab	74.0437, 19.2252, 12.6379

Details

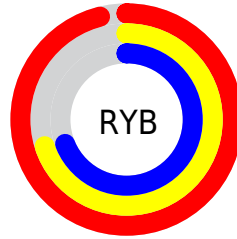
The YIQ color **198.5060, 39.9780, 13.3700** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **223.4940, -39.9780, -13.3700**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.7520, 12.5620, 3.6180**, and **144.0110, 36.9980, 12.3100** is the 20% darker color. If you saturate the color by 10%, you get **181.6820, 54.2820, 18.4580**, and if you desaturate by 10%, it is **215.4440, 25.3530, 8.5930**.

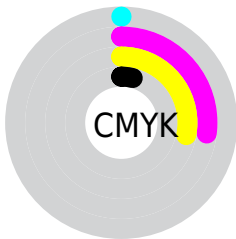
Distribution



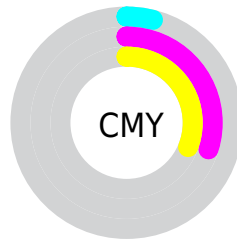
- Red (96%)
- Green (70%)
- Blue (69%)



- Red (96%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (28%)
- Black (4%)




- Cyan (4%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.5060, 39.9780, 13.3700 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 198.5060, 39.9780, 13.3700 by changing the saturation by 10% instead.


 198.5060, 39.9780,
13.3700

 198.5060, 39.9780,
13.3700


255.0000, -0.0000,
-0.0000


 170.9080, 38.7860,
12.9460


 240.7520, 12.5620,
3.6180

 144.1250, 36.6770,
12.6210

 117.9400, 35.7600,
12.7200

 92.7440, 33.3760,
11.8720

 68.8470, 31.5880,
11.2360

 45.1780, 29.1580,
11.2220

 21.4660, 28.2870,

10.4870

■ 9.9810, 19.3470,
7.3070

■ 0.0000, 0.0000,
0.0000

■ 198.5060, 39.9780,
13.3700

■ 198.5060, 39.9780,
13.3700

■ 181.6820, 54.2820,
18.4580

■ 215.4440, 25.3530,
8.5930

■ 164.7440, 68.9070,
23.2350

■ 232.2680, 11.0490,
3.5050

■ 148.5070, 82.9360,
27.8000

■ 248.6190, -3.3010,
-0.7490

■ 131.5690, 97.5610,
32.5770

■ 252.0100, -5.9600,
-2.1200

■ 114.7450,
111.8650, 37.6650

■ 97.8070, 126.4900,
42.4420

■ 80.9830, 140.7940,
47.5300

■ 77.3640, 144.0950,
48.2790

Harmonies

Analogous

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



199.1600, 29.5690, 20.2970



198.5060, 39.9780, 13.3700



196.7690, 40.2550, 2.8390

Triad

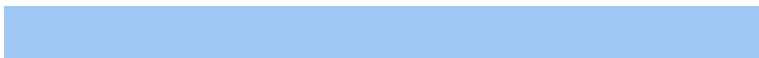
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198.5060, 39.9780, 13.3700



189.1810, -11.5960, -21.1320



192.3550, -37.3680, 5.4160

Complementary

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



198.5060, 39.9780, 13.3700



223.4940, -39.9780, -13.3700

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.



186.7780, -52.2210, -6.2450



198.5060, 39.9780, 13.3700



186.0890, -34.7040, -20.8480

Square

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



198.5060, 39.9780, 13.3700



192.3210, 11.5570, -16.7230



184.7530, -51.0730, -16.0410



197.0700, -14.2160, 15.3520

Rectangle

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



198.5060, 39.9780, 13.3700



195.3180, 33.9750, -4.4970



184.7530, -51.0730, -16.0410



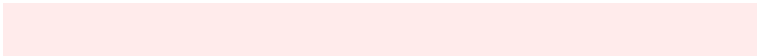
190.5990, -44.1070, 0.8930

Sweetspot

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



198.5060, 39.9780, 13.3700



240.9800, 11.9200, 4.2400



204.9700, 19.0210, 35.2530



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.



198.5060, 39.9780, 13.3700



197.2900, 49.5140, 16.7620



217.8770, 30.9030, -3.8890



114.1750, 6.8770, 2.0210



58.5490, 109.4810, 36.8170



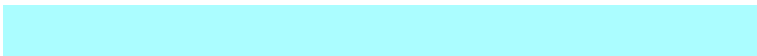
18.8150, 34.6140, 11.4620

Inverse Universe

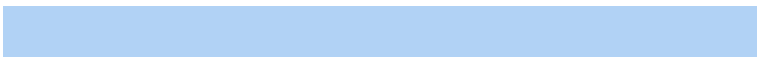
The Inverse Universe completely reimagines the original color for something new.



223.4940, -39.9780, -13.3700



228.7100, -49.5140, -16.7620



204.1230, -30.9030, 3.8890



118.4120, -7.1520, -2.5440



127.4510, -109.4810, -36.8170



40.1850, -34.6140, -11.4620

Previews

White Background



This preview shows how the YIQ color 198.5060, 39.9780, 13.3700 looks on a white background.

Color Contrast Check

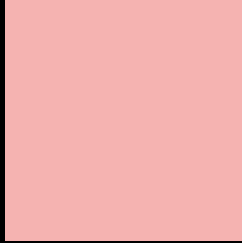
Large Text (above 18pt) WCAG AA × Fail

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 198.5060, 39.9780, 13.3700 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 198.5060, 39.9780, 13.3700

Background



This preview shows how black text looks on a background with the YIQ color 198.5060, 39.9780, 13.3700.



This preview shows how white text looks on a background with the YIQ color 198.5060, 39.9780,

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

198.5060, 39.9780, 13.3700

Protanopia

196.0670, 7.0610, -1.3150

Deuteranopia

197.2710, 24.1620, 2.6420



Tritanopia

199.1130, 36.9510, 18.6710

Trichromacy



Original Color

198.5060, 39.9780, 13.3700

Protanomaly

196.9870, 19.2100, 4.2820

Deuteranomaly

197.4290, 29.7090, 6.7410

Tritanomaly

199.1300, 38.2810, 16.5930

Monochromacy



Original Color

198.5060, 39.9780, 13.3700

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0620, 14.6250, 4.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.5060, 39.9780, 13.3700 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, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 177)  
}
```

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, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 177) }
```

Border

The CSS property to change the border of an element to YIQ 198.5060, 39.9780, 13.3700 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, 179, 177) }
```


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

```
.border{ border-color:rgb(245, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 198.5060, 39.9780, 13.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 177) }
```

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

```
.background{ background-color: rgb(245,  
179, 177) }
```

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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