

Converting Colors

YIQ(198.4440, 59.7430, -8.9370)

Have a look what the booklet for
YIQ(198.4440, 59.7430, -8.9370)
contains.

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Color

**YIQ(198.4440, 59.7430,
-8.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	FABC75
RGB	250, 188, 117
RGB Percent	98%, 74%, 46%
CMY	0.0195, 0.2628, 0.5409
CMYK	0.00, 0.25, 0.53, 0.02
HSL	32°, 93%, 72%
HSV	32°, 53%, 98%
XYZ	60.6267, 57.5702, 24.7694
YIQ	198.4440, 59.7430, -8.9370

Conversions

Conversions Part 2

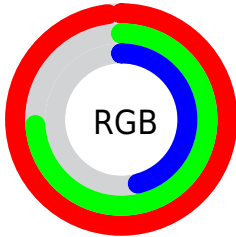
Format	Color
RYB	233, 250, 117
Decimal	16432245
CIELab	80.50, 14.46, 44.29
CIElCh	80, 46.589, 71.917
Yxy	57.5702, 0.4241, 0.4027
Android (android.graphics.Color)	4294622325 (0xFFFABC75)
YUV	198.4440, -40.1519, 45.2146
Hunter-Lab	75.8750, 9.8461, 33.7573

Details

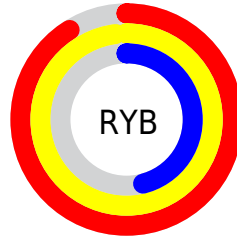
The YIQ color **198.4440, 59.7430, -8.9370** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **168.5560, -59.7430, 8.9370**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8530, 30.3100, -20.6820**, and **143.9920, 55.2040, -9.2760** is the 20% darker color. If you saturate the color by 10%, you get **188.5500, 71.0680, -10.4360**, and if you desaturate by 10%, it is **208.3380, 48.4180, -7.4380**.

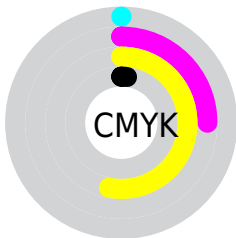
Distribution



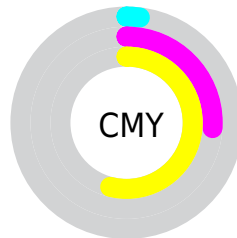
- Red (98%)
- Green (74%)
- Blue (46%)



- Red (91%)
- Yellow (98%)
- Blue (46%)



- Cyan (0%)
- Magenta (25%)
- Yellow (53%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.4440, 59.7430, -8.9370 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 198.4440, 59.7430, -8.9370 by changing the saturation by 10% instead.


 198.4440, 59.7430,
-8.9370


 198.4440, 59.7430,
-8.9370


255.0000, -0.0000,
-0.0000

 170.7750, 57.3130,
-8.9510


 238.8530, 30.3100,
-20.6820


 143.9920, 55.2040,
-9.2760


 248.5020, 18.2970,
-17.7270

 117.2090, 53.0950,
-9.6010

 251.6940, 9.3090,
-9.0190

 91.4860, 50.7570,
-11.2830

 67.7890, 45.5300,
-10.1660

 46.8020, 35.4880,
-4.3840

 26.7010, 25.7670,

1.0870

■ 8.6710, 17.2840,
6.1480

■ 0.0000, 0.0000,
0.0000

■ 198.4440, 59.7430,
-8.9370

■ 198.4440, 59.7430,
-8.9370

■ 188.5500, 71.0680,
-10.4360

■ 208.3380, 48.4180,
-7.4380

■ 179.2430, 82.1180,
-12.4580

■ 217.6450, 37.3680,
-5.4160

■ 169.3490, 93.4430,
-13.9570

■ 227.5390, 26.0430,
-3.9170

■ 159.4550,
104.7680, -15.4560

■ 237.4330, 14.7180,
-2.4180

152.8210,
112.4250, -16.5590

246.7400, 3.6680,
-0.3960

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



194.2120, 58.1810, 8.3650



198.4440, 59.7430, -8.9370



195.1320, 33.6580, -26.2940

Triad

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



198.4440, 59.7430, -8.9370



155.5250, -130.6610, -49.4530



203.7770, 3.3870, 32.2430

Complementary

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



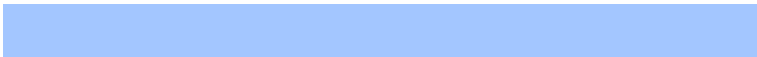
198.4440, 59.7430, -8.9370



168.5560, -59.7430, 8.9370

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.



194.0330, -39.1570, 10.3070



198.4440, 59.7430, -8.9370



158.2100, -142.3550, -35.7550

Square

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



198.4440, 59.7430, -8.9370



180.6160, -53.0860, -40.1420



176.8360, -93.6670, -15.0350



201.4400, 32.3170, 36.5810

Rectangle

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



198.4440, 59.7430, -8.9370



191.5140, 8.8550, -33.8410



176.8360, -93.6670, -15.0350



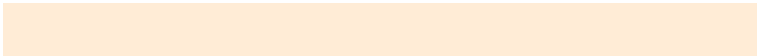
201.0310, -9.3120, 25.6000

Sweetspot

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



198.4440, 59.7430, -8.9370



239.1730, 18.3860, -2.8140



164.0630, 58.7240, 48.1000



118.1060, 11.3250, -1.4990



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.



198.4440, 59.7430, -8.9370



191.8060, 73.2230, -10.9450



234.2400, 41.5010, -41.7870



119.9960, 5.8230, -0.9050



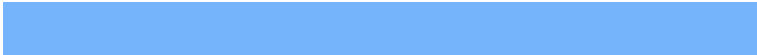
115.7980, 84.8690, -12.7550



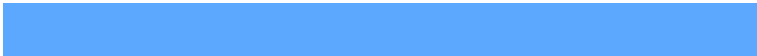
37.6100, 27.2810, -4.3270

Inverse Universe

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



168.5560, -59.7430, 8.9370



155.1940, -73.2230, 10.9450



132.7600, -41.5010, 41.7870



117.0040, -5.8230, 0.9050



73.2020, -84.8690, 12.7550



23.9770, -27.5560, 3.8040

Previews

White Background



This preview shows how the YIQ color 198.4440, 59.7430, -8.9370 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 198.4440, 59.7430, -8.9370 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 198.4440, 59.7430, -8.9370

Background



This preview shows how black text looks on a background with the YIQ color 198.4440, 59.7430, -8.9370.



This preview shows how white text looks on a background with the YIQ color 198.4440, 59.7430, -8.9370.

-8.9370.

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

198.4440, 59.7430, -8.9370

Protanopia

196.7890, 36.3620, -20.2300

Deuteranopia

197.9980, 55.0670, -12.3010



Tritanopia

203.3200, 40.8020, 20.4660

Trichromacy



Original Color

198.4440, 59.7430, -8.9370

Protanomaly

197.5020, 44.6600, -16.4280

Deuteranomaly

198.3080, 57.1300, -11.1420

Tritanomaly

201.2910, 47.7730, 9.7650

Monochromacy



Original Color

198.4440, 59.7430, -8.9370

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.0270, 21.7330, -2.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4440, 59.7430, -8.9370 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(250, 188, 117)` looks like.

```
.text, #text, p{  
    color:rgb(250, 188, 117)  
}
```

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(250, 188, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 188, 117) }
```

Border

The CSS property to change the border of an element to YIQ 198.4440, 59.7430, -8.9370 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(250, 188, 117) }
```


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

```
.border{ border-color:rgb(250, 188, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 188, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 188, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 188, 117);  
box-shadow:4px 4px 4px 4px rgb(250, 188,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4440, 59.7430, -8.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 188, 117) }
```

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

```
.background{ background-color: rgb(250,  
188, 117) }
```

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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