

Converting Colors

YIQ(198.9900, 49.5180, -5.3460)

Have a look what the booklet for
YIQ(198.9900, 49.5180, -5.3460)
contains.

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Color

**YIQ(198.9900, 49.5180,
-5.3460)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BD87
RGB	243, 189, 135
RGB Percent	95%, 74%, 53%
CMY	0.0470, 0.2589, 0.4703
CMYK	0.00, 0.22, 0.44, 0.05
HSL	30°, 82%, 74%
HSV	30°, 44%, 95%
XYZ	59.5406, 57.1953, 30.8458
YIQ	198.9900, 49.5180, -5.3460

Conversions

Conversions Part 2

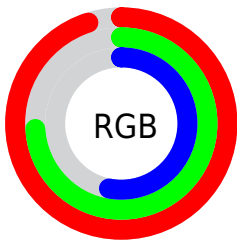
Format	Color
R _Y B	243, 243, 135
Decimal	15973767
CIE Lab	80.29, 12.78, 34.66
CIE LCh	80, 36.944, 69.761
Yxy	57.1953, 0.4034, 0.3876
Android (android.graphics.Color)	4294163847 (0xFFF3BD87)
YUV	198.9900, -31.5471, 38.5968
Hunter-Lab	75.6276, 8.1825, 28.7571

Details

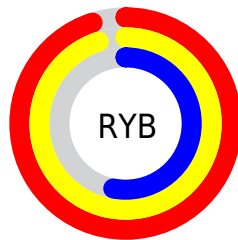
The YIQ color **198.9900, 49.5180, -5.3460** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **179.0100, -49.5180, 5.3460**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **241.6060, 23.9360, -15.2960**, and **144.7230, 45.8960, -5.7840** is the 20% darker color. If you saturate the color by 10%, you get **189.2100, 60.5220, -6.5340**, and if you desaturate by 10%, it is **208.7700, 38.5140, -4.1580**.

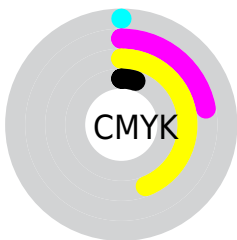
Distribution



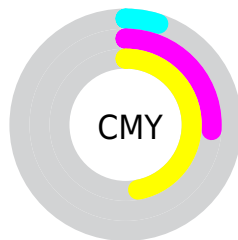
- Red (95%)
- Green (74%)
- Blue (53%)



- Red (95%)
- Yellow (95%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.9900, 49.5180, -5.3460 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 198.9900, 49.5180, -5.3460 by changing the saturation by 10% instead.


 198.9900, 49.5180,
-5.3460


 198.9900, 49.5180,
-5.3460


255.0000, -0.0000,
-0.0000

 171.5060, 48.0050,
-5.4590


 241.6060, 23.9360,
-15.2960


 144.7230, 45.8960,
-5.7840


 250.6680, 12.1980,
-11.8180

 118.0540, 43.4660,
-5.7980

 253.8600, 3.2100,
-3.1100

 93.2710, 41.3570,
-6.1230

 69.0750, 38.9730,
-6.9710

 46.7910, 34.0210,
-5.3310

 26.6900, 24.3000,

0.1400

■ 7.7740, 15.4960,
5.5120

■ 0.0000, 0.0000,
0.0000

■ 198.9900, 49.5180,
-5.3460

■ 198.9900, 49.5180,
-5.3460

■ 189.2100, 60.5220,
-6.5340

■ 208.7700, 38.5140,
-4.1580

■ 179.3160, 71.8470,
-8.0330

■ 218.6640, 27.1890,
-2.6590

■ 168.9490, 83.1260,
-8.6980

■ 228.4440, 16.1850,
-1.4710

■ 159.1690, 94.1300,
-9.8860

■ 238.8110, 4.9060,
-0.8060

■ 149.3890,
105.1340, -11.0740

■ 248.4770, -5.7770,
0.0710

■ 143.6840,
111.5530, -11.7670

■ 251.4120, -7.1520,
-2.5440

Harmonies

Analogous

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



198.6290, 52.6330, 9.7930



198.9900, 49.5180, -5.3460



196.3090, 29.0260, -19.4380

Triad

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



198.9900, 49.5180, -5.3460



180.0120, -71.3360, -28.7760



203.0920, -2.1140, 27.3100

Complementary

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



198.9900, 49.5180, -5.3460



179.0100, -49.5180, 5.3460

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.



196.7130, -35.2600, 11.2680



198.9900, 49.5180, -5.3460



178.5990, -88.8060, -20.5340

Square

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



198.9900, 49.5180, -5.3460



186.3950, -35.9860, -30.6580



186.4370, -70.1940, -5.4100



204.1960, 29.8880, 31.0400

Rectangle

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



198.9900, 49.5180, -5.3460



193.1540, 10.2290, -25.6990



186.4370, -70.1940, -5.4100



201.2970, -13.1170, 22.9710

Sweetspot

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



198.9900, 49.5180, -5.3460



241.2590, 15.2680, -1.3720



173.6760, 46.3920, 40.3120



119.1490, 9.7660, -0.7780



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.



198.9900, 49.5180, -5.3460



199.6940, 62.0350, -6.4210



229.5140, 35.2180, -32.5420



117.1100, 5.5020, -0.5940



110.2050, 85.2810, -9.2070



34.6640, 27.1890, -2.6590

Inverse Universe

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



179.0100, -49.5180, 5.3460



174.7190, -61.7600, 6.9440



148.4860, -35.2180, 32.5420



114.8900, -5.5020, 0.5940



75.7950, -85.2810, 9.2070



23.7490, -26.9140, 3.1820

Previews

White Background



This preview shows how the YIQ color 198.9900, 49.5180, -5.3460 looks on a white background.

Color Contrast Check

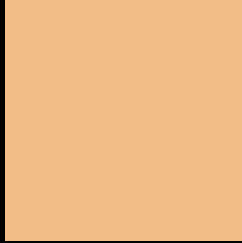
Large Text (above 18pt) WCAG AA × Fail

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 198.9900, 49.5180, -5.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

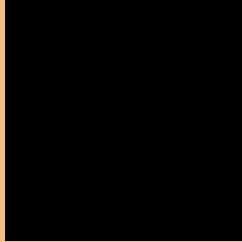
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.9900, 49.5180, -5.3460

Background



This preview shows how black text looks on a background with the YIQ color 198.9900, 49.5180, -5.3460.



This preview shows how white text looks on a background with the YIQ color 198.9900, 49.5180,

-5.3460.

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

198.9900, 49.5180, -5.3460

Protanopia

196.9440, 28.7960, -15.2680

Deuteranopia

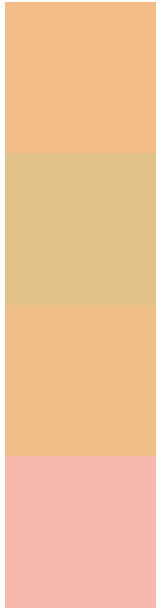
198.9680, 46.5840, -7.2400



Tritanopia

202.9280, 36.0340, 18.7700

Trichromacy



Original Color

198.9900, 49.5180, -5.3460

Protanomaly

197.4720, 36.1770, -11.3670

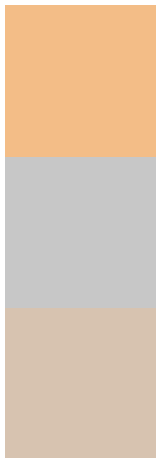
Deuteranomaly

198.6800, 47.4550, -6.5050

Tritanomaly

201.5830, 41.0790, 9.9350

Monochromacy



Original Color

198.9900, 49.5180, -5.3460

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8140, 18.0190, -1.6690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.9900, 49.5180, -5.3460 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(243, 189, 135)` looks like.

```
.text, #text, p{  
    color:rgb(243, 189, 135)  
}
```

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(243, 189, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 189, 135) }
```

Border

The CSS property to change the border of an element to YIQ 198.9900, 49.5180, -5.3460 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(243, 189, 135) }
```


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

```
.border{ border-color:rgb(243, 189, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 189, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 189, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 189, 135);  
box-shadow:4px 4px 4px 4px rgb(243, 189,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 198.9900, 49.5180, -5.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 189, 135) }
```

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

```
.background{ background-color: rgb(243,  
189, 135) }
```

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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