

Converting Colors

YIQ(198.6440, 29.9410, -8.4830)

Have a look what the booklet for
YIQ(198.6440, 29.9410, -8.4830)
contains.

YIQ(198.6440, 29.9410, -8.4830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(198.6440, 29.9410,
-8.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC497
RGB	222, 196, 151
RGB Percent	87%, 77%, 59%
CMY	0.1294, 0.2314, 0.4077
CMYK	0.00, 0.12, 0.32, 0.13
HSL	38°, 52%, 73%
HSV	38°, 32%, 87%
XYZ	55.4534, 57.2415, 37.4208
YIQ	198.6440, 29.9410, -8.4830

Conversions

Conversions Part 2

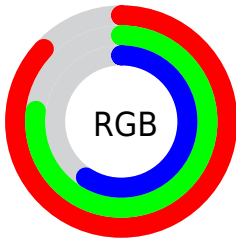
Format	Color
R _Y B	192, 222, 151
Decimal	14599319
CIE Lab	80.32, 2.65, 25.97
CIE LCh	80, 26.103, 84.181
Yxy	57.2415, 0.3694, 0.3813
Android (android.graphics.Color)	4292789399 (0xFFDEC497)
YUV	198.6440, -23.4885, 20.4832
Hunter-Lab	75.6581, -1.5706, 23.6356

Details

The YIQ color **198.6440, 29.9410, -8.4830** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174.3560, -29.9410, 8.4830**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.1260, 16.6000, -14.5040**, and **144.3880, 27.7860, -7.9740** is the 20% darker color. If you saturate the color by 10%, you get **191.4400, 39.2030, -11.1410**, and if you desaturate by 10%, it is **205.8480, 20.6790, -5.8250**.

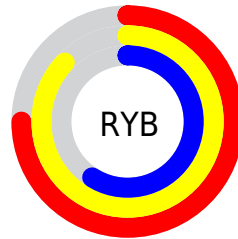
Distribution



Red (87%)

Green (77%)

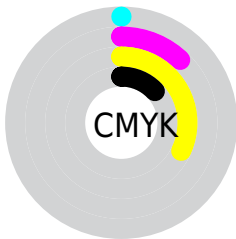
Blue (59%)



Red (75%)

Yellow (87%)

Blue (59%)

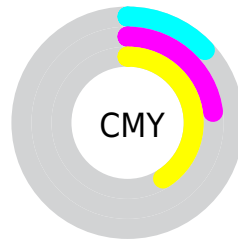


Cyan (0%)

Magenta (12%)

Yellow (32%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6440, 29.9410, -8.4830 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 198.6440, 29.9410, -8.4830 by changing the saturation by 10% instead.

■ 198.6440, 29.9410,
-8.4830

■ 198.6440, 29.9410,
-8.4830

■ 255.0000, -0.0000,
-0.0000

■ 171.4590, 29.0240,
-8.3840

■ 248.2400, 16.2790,
-14.1930

■ 144.3880, 27.7860,
-7.9740

■ 252.6060, 6.7410,
-6.5310

■ 118.9040, 26.2730,
-8.0870

■ 93.7190, 25.3560,
-7.9880

■ 69.9360, 23.2470,
-8.3130

■ 47.2240, 22.3760,
-9.0480

■ 26.9230, 16.0940,

-5.3300

■ 2.6910, 5.3640,
1.9080

■ 0.0000, 0.0000,
0.0000

■ 198.6440, 29.9410,
-8.4830

■ 198.6440, 29.9410,
-8.4830

■ 191.4400, 39.2030,
-11.1410

■ 205.8480, 20.6790,
-5.8250

■ 184.2360, 48.4650,
-13.7990

■ 213.0520, 11.4170,
-3.1670

■ 176.9180, 58.0480,
-16.7680

■ 220.3700, 1.8340,
-0.1980

■ 169.1270, 67.5850,
-18.9030

■ 228.1610, -7.7030,
1.9370

161.9230, 76.8470,
-21.5610

234.5670,
-14.7180, 2.4180

154.7190, 86.1090,
-24.2190

239.2630,
-16.9180, -1.7660

149.1450, 93.5370,
-26.6790

243.9590,
-19.1180, -5.9500

245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



200.7690, 40.2550, 2.8390



198.6440, 29.9410, -8.4830



195.9080, 11.2820, -17.2460

Triad

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



198.6440, 29.9410, -8.4830



188.7530, -51.0730, -16.0410



203.3350, 10.0830, 21.0190

Complementary

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



198.6440, 29.9410, -8.4830



174.3560, -29.9410, 8.4830

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.



201.1840, -14.5370, 15.6630



198.6440, 29.9410, -8.4830



190.7780, -52.2210, -6.2450

Square

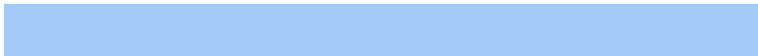
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.6440, 29.9410, -8.4830



189.7900, -35.3000, -21.0600



196.3550, -37.3680, 5.4160



203.4590, 30.1650, 20.5090

Rectangle

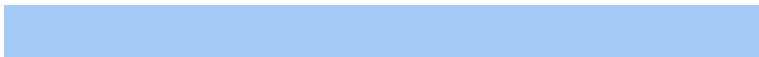
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.6440, 29.9410, -8.4830



194.0140, -3.7560, -20.0440



196.3550, -37.3680, 5.4160



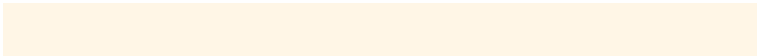
202.5020, 2.2430, 19.9310

Sweetspot

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



198.6440, 29.9410, -8.4830



246.8670, 10.5000, -3.0680



175.1930, 33.9700, 23.1380



122.6540, 6.7860, -1.8380



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.



198.6440, 29.9410, -8.4830



222.8100, 41.0370, -11.3390



211.2150, 17.4270, -23.9890



108.3980, 4.6310, -1.3290



117.7810, 74.3710, -20.7410



32.5490, 20.0830, -6.0370

Inverse Universe

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



174.3560, -29.9410, 8.4830



190.1900, -41.0370, 11.3390



162.0840, -16.8310, 24.2010



104.6020, -4.6310, 1.3290



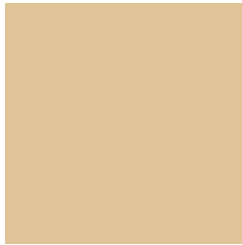
57.6320, -74.0960, 21.2640



16.0380, -20.3580, 5.5140

Previews

White Background



This preview shows how the YIQ color 198.6440, 29.9410, -8.4830 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 198.6440, 29.9410, -8.4830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

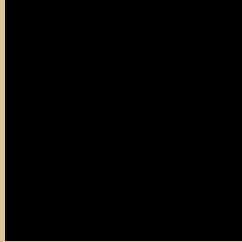
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.6440, 29.9410, -8.4830

Background



This preview shows how black text looks on a background with the YIQ color 198.6440, 29.9410, -8.4830.



This preview shows how white text looks on a background with the YIQ color 198.6440, 29.9410, -8.4830.

-8.4830.

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

198.6440, 29.9410, -8.4830

Protanopia

197.8280, 23.4310, -11.6490

Deuteranopia

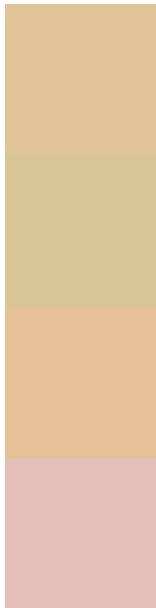
199.4110, 38.1470, -3.0130



Tritanopia

202.3710, 18.4290, 12.9330

Trichromacy



Original Color

198.6440, 29.9410, -8.4830

Protanomaly

198.1380, 25.4940, -10.4900

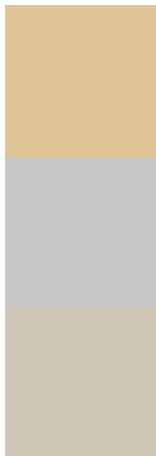
Deuteranomaly

199.3890, 35.2130, -4.9070

Tritanomaly

201.3680, 22.5110, 5.0310

Monochromacy



Original Color

198.6440, 29.9410, -8.4830

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8670, 10.5000, -3.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6440, 29.9410, -8.4830 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(222, 196, 151)` looks like.

```
.text, #text, p{  
    color:rgb(222, 196, 151)  
}
```

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(222, 196, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 151) }
```

Border

The CSS property to change the border of an element to YIQ 198.6440, 29.9410, -8.4830 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(222, 196, 151) }
```


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

```
.border{ border-color:rgb(222, 196, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 196, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 196, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 196, 151);  
box-shadow:4px 4px 4px 4px rgb(222, 196,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6440, 29.9410, -8.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 196, 151) }
```

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

```
.background{ background-color: rgb(222,  
196, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor