

Converting Colors

YIQ(198.4450, 40.8070, -7.1690)

Have a look what the booklet for
YIQ(198.4450, 40.8070, -7.1690)
contains.

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Color

**YIQ(198.4450, 40.8070,
-7.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C08D
RGB	233, 192, 141
RGB Percent	91%, 75%, 55%
CMY	0.0862, 0.2471, 0.4469
CMYK	0.00, 0.18, 0.39, 0.09
HSL	33°, 68%, 73%
HSV	33°, 39%, 91%
XYZ	57.2671, 56.9427, 33.1921
YIQ	198.4450, 40.8070, -7.1690

Conversions

Conversions Part 2

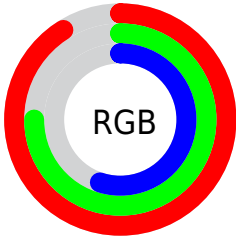
Format	Color
R _Y B	215, 233, 141
Decimal	15319181
CIE Lab	80.15, 7.88, 31.17
CIE LCh	80, 32.148, 75.818
Yxy	56.9427, 0.3885, 0.3863
Android (android.graphics.Color)	4293509261 (0xFFE9C08D)
YUV	198.4450, -28.3204, 30.3047
Hunter-Lab	75.4604, 3.4085, 26.7429

Details

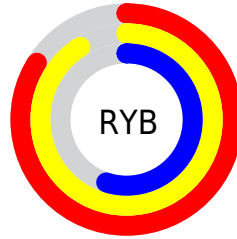
The YIQ color **198.4450, 40.8070, -7.1690** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **175.5550, -40.8070, 7.1690**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **244.0510, 21.1850, -14.9990**, and **144.4770, 37.7810, -7.3950** is the 20% darker color. If you saturate the color by 10%, you get **189.9530, 50.9400, -9.0920**, and if you desaturate by 10%, it is **206.9370, 30.6740, -5.2460**.

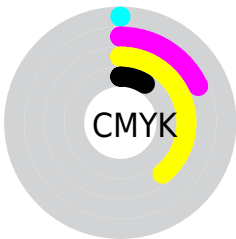
Distribution



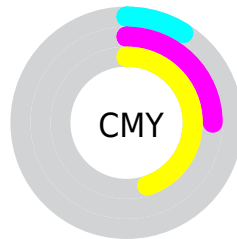
- Red (91%)
- Green (75%)
- Blue (55%)



- Red (84%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (39%)
- Black (9%)




- Cyan (9%)
- Magenta (25%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.4450, 40.8070, -7.1690 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 198.4450, 40.8070, -7.1690 by changing the saturation by 10% instead.


 198.4450, 40.8070,
-7.1690


 198.4450, 40.8070,
-7.1690


255.0000, -0.0000,
-0.0000


 170.9610, 39.2940,
-7.2820


 244.0510, 21.1850,
-14.9990


 144.4770, 37.7810,
-7.3950


 251.3520, 10.2720,
-9.9520

 118.1070, 35.9470,
-7.1970

 254.6580, 0.9630,
-0.9330

 93.3240, 33.8380,
-7.5220

 68.8400, 32.3250,
-7.6350

 45.8720, 29.2990,
-7.8610

 26.6570, 19.8990,

-2.7010

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 198.4450, 40.8070,
-7.1690

■ 198.4450, 40.8070,
-7.1690

■ 189.9530, 50.9400,
-9.0920

■ 206.9370, 30.6740,
-5.2460

■ 180.7600, 61.6690,
-10.8030

■ 216.1300, 19.9450,
-3.5350

■ 172.2680, 71.8020,
-12.7260

■ 224.6220, 9.8120,
-1.6120

■ 163.1890, 82.2100,
-14.1260

■ 233.7010, -0.5960,
-0.2120

■ 154.6970, 92.3430,
-16.0490

■ 241.9650,
-10.0870, 1.0890

■ 146.0910,
102.7970, -18.2830

■ 247.8350,
-12.8370, -4.1410

■ 145.3900,
103.3930, -18.0710

■ 248.4220,
-13.1120, -4.6640

Harmonies

Analogous

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



200.3790, 50.3410, 7.2770



198.4450, 40.8070, -7.1690



195.6440, 20.7730, -18.5470

Triad

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



198.4450, 40.8070, -7.1690



183.1920, -62.8550, -22.7830



203.3330, 4.3970, 24.9490

Complementary

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



198.4450, 40.8070, -7.1690



175.5550, -40.8070, 7.1690

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.



198.8390, -26.6870, 15.5930



198.4450, 40.8070, -7.1690



185.0960, -70.9720, -13.3400

Square

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



198.4450, 40.8070, -7.1690



187.1440, -36.5370, -26.1770



191.8520, -55.0650, 1.2470



203.3330, 30.7600, 26.2480

Rectangle

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



198.4450, 40.8070, -7.1690



193.5000, 3.4430, -23.8610



191.8520, -55.0650, 1.2470



202.1900, -5.5060, 22.7020

Sweetspot

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



198.4450, 40.8070, -7.1690



243.2480, 13.8010, -2.3190



173.1820, 41.6710, 32.2550



121.2520, 7.9780, -1.4140



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

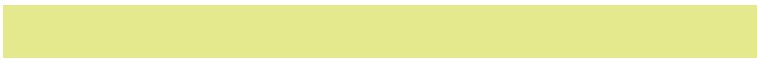
The Same Dimension uses a secret algorithm to generate beautiful new colors.



198.4450, 40.8070, -7.1690



210.2090, 53.0950, -9.6010



221.0170, 26.5520, -29.6720



112.8110, 4.9060, -0.8060



112.8190, 80.3760, -13.9280



33.7560, 23.9340, -4.2420

Inverse Universe

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



175.5550, -40.8070, 7.1690



180.3780, -53.3700, 9.0780



152.9830, -26.5520, 29.6720



110.1890, -4.9060, 0.8060



68.1810, -80.3760, 13.9280



20.2440, -23.9340, 4.2420

Previews

White Background



This preview shows how the YIQ color 198.4450, 40.8070, -7.1690 looks on a white background.

Color Contrast Check

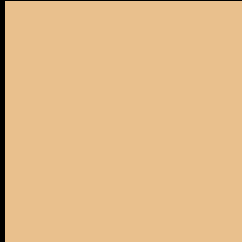
Large Text (above 18pt) WCAG AA × Fail

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 198.4450, 40.8070, -7.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

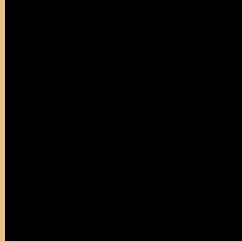
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.4450, 40.8070, -7.1690

Background



This preview shows how black text looks on a background with the YIQ color 198.4450, 40.8070, -7.1690.



This preview shows how white text looks on a background with the YIQ color 198.4450, 40.8070, -7.1690.

-7.1690.

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

198.4450, 40.8070, -7.1690

Protanopia

197.2150, 26.5950, -13.9250

Deuteranopia

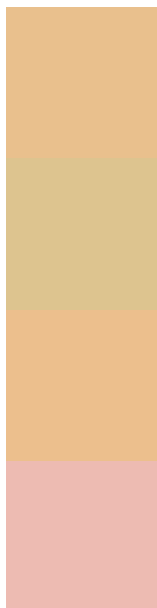
199.0540, 43.4660, -5.7980



Tritanopia

202.1550, 27.9650, 16.3250

Trichromacy



Original Color

198.4450, 40.8070, -7.1690

Protanomaly

197.4330, 31.9130, -11.1830

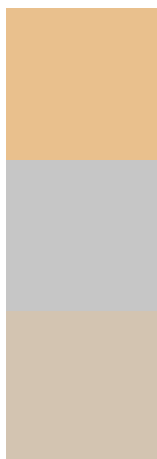
Deuteranomaly

198.7550, 42.8700, -6.0100

Tritanomaly

200.9240, 32.6890, 7.8010

Monochromacy



Original Color

198.4450, 40.8070, -7.1690

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.3190, 15.0390, -2.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4450, 40.8070, -7.1690 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(233, 192, 141)` looks like.

```
.text, #text, p{  
    color:rgb(233, 192, 141)  
}
```

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(233, 192, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 192, 141) }
```

Border

The CSS property to change the border of an element to YIQ 198.4450, 40.8070, -7.1690 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(233, 192, 141) }
```


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

```
.border{ border-color:rgb(233, 192, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 192, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 192, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 192, 141);  
box-shadow:4px 4px 4px 4px rgb(233, 192,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4450, 40.8070, -7.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 192, 141) }
```

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

```
.background{ background-color: rgb(233,  
192, 141) }
```

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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