

Converting Colors

YIQ(198.6770, 34.3420, -5.6420)

Have a look what the booklet for
YIQ(198.6770, 34.3420, -5.6420)
contains.

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Color

**YIQ(198.6770, 34.3420,
-5.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C197
RGB	228, 193, 151
RGB Percent	89%, 76%, 59%
CMY	0.1058, 0.2432, 0.4077
CMYK	0.00, 0.15, 0.34, 0.11
HSL	33°, 59%, 74%
HSV	33°, 34%, 89%
XYZ	56.6556, 56.8655, 37.2866
YIQ	198.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

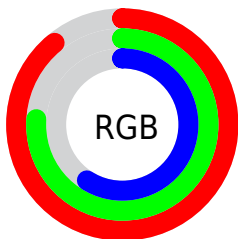
Format	Color
R_{YB}	215, 228, 151
Decimal	14991767
CIE _{Lab}	80.10, 6.56, 25.77
CIE _{LCh}	80, 26.592, 75.729
Yxy	56.8655, 0.3757, 0.3771
Android (android.graphics.Color)	4293181847 (0xFFE4C197)
YUV	198.6770, -23.5048, 25.7163
Hunter-Lab	75.4092, 2.1425, 23.4701

Details

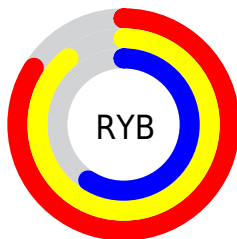
The YIQ color $198.6770, 34.3420, -5.6420$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $180.3230, -34.3420, 5.6420$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7780, 17.7000, -12.4120$, and $144.7090, 31.3160, -5.8680$ is the 20% darker color. If you saturate the color by 10%, you get $190.1850, 44.4750, -7.5650$, and if you desaturate by 10%, it is $207.1690, 24.2090, -3.7190$.

Distribution



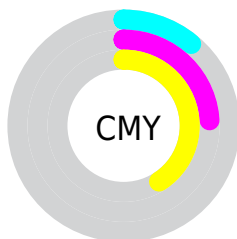
- Red (89%)
- Green (76%)
- Blue (59%)



- Red (84%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.6770, 34.3420, -5.6420 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 198.6770, 34.3420, -5.6420 by changing the saturation by 10% instead.


 198.6770, 34.3420,
-5.6420


 198.6770, 34.3420,
-5.6420


255.0000, -0.0000,
-0.0000


 171.1930, 32.8290,
-5.7550


 245.8920, 17.3790,
-12.1010


 144.7090, 31.3160,
-5.8680

 252.6060, 6.7410,
-6.5310

 118.6380, 30.0780,
-5.4580

 93.7410, 28.2900,
-6.0940

 69.6700, 27.0520,
-5.6840

 46.6590, 25.5850,
-6.6310

 26.9450, 19.0280,

-3.4360

■ 4.7840, 9.5360,
3.3920

■ 0.0000, 0.0000,
0.0000

■ 198.6770, 34.3420,
-5.6420

■ 198.6770, 34.3420,
-5.6420

■ 190.1850, 44.4750,
-7.5650

■ 207.1690, 24.2090,
-3.7190

■ 181.1060, 54.8830,
-8.9650

■ 216.2480, 13.8010,
-2.3190

■ 172.7280, 64.6950,
-10.5770

■ 224.6260, 3.9890,
-0.7070

■ 163.6490, 75.1030,
-11.9770

■ 233.1180, -6.1440,
1.2160

■ 155.1570, 85.2360,
-13.9000

■ 241.0570,
-13.3420, -0.4940

■ 146.6650, 95.3690,
-15.8230

■ 246.9270,
-16.0920, -5.7240

■ 140.9600,
101.7880, -16.5160

Harmonies

Analogous

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



200.5460, 42.5010, 6.1890



198.6770, 34.3420, -5.6420



196.1970, 17.8380, -14.9140

Triad

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



198.6770, 34.3420, -5.6420



187.9550, -48.8260, -18.2180



202.3990, 4.0310, 20.5670

Complementary

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



198.6770, 34.3420, -5.6420



180.3230, -34.3420, 5.6420

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.



199.0090, -21.4140, 13.6420



198.6770, 34.3420, -5.6420



188.7020, -55.0630, -9.8070

Square

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



198.6770, 34.3420, -5.6420



189.9000, -29.7980, -21.6540



193.5390, -43.8780, 2.2500



203.0610, 25.5340, 21.8380

Rectangle

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



198.6770, 34.3420, -5.6420



194.2490, 2.8920, -19.3800



193.5390, -43.8780, 2.2500



201.8540, -4.6800, 18.7440

Sweetspot

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



198.6770, 34.3420, -5.6420



245.1060, 11.3250, -1.4990



178.1270, 34.3360, 27.5200



122.0670, 7.0610, -1.3150



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.



198.6770, 34.3420, -5.6420



214.8540, 46.9050, -7.5510



218.3250, 22.9290, -24.5830



110.6970, 5.2270, -1.1170



110.4600, 80.0090, -12.7830



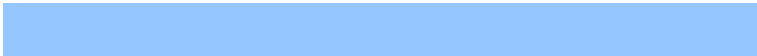
31.6850, 22.6960, -3.8320

Inverse Universe

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



180.3230, -34.3420, 5.6420



190.1460, -46.9050, 7.5510



160.6750, -22.9290, 24.5830



107.3030, -5.2270, 1.1170



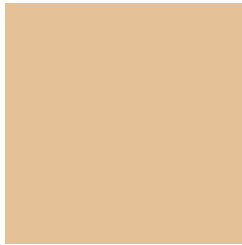
67.9530, -79.7340, 13.3060



19.3150, -22.6960, 3.8320

Previews

White Background



This preview shows how the YIQ color 198.6770, 34.3420, -5.6420 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 198.6770, 34.3420, -5.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

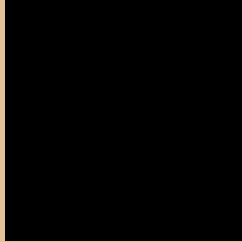
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.6770, 34.3420, -5.6420

Background



This preview shows how black text looks on a background with the YIQ color 198.6770, 34.3420, -5.6420.



This preview shows how white text looks on a background with the YIQ color 198.6770, 34.3420, -5.6420.

-5.6420.

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

198.6770, 34.3420, -5.6420

Protanopia

197.7570, 22.1930, -11.2390

Deuteranopia

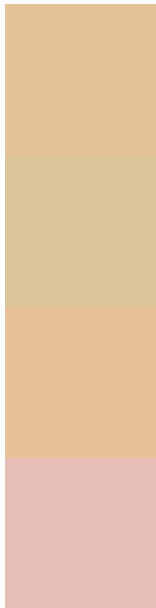
199.2970, 38.4680, -3.3240



Tritanopia

201.7630, 23.1970, 14.6290

Trichromacy



Original Color

198.6770, 34.3420, -5.6420

Protanomaly

198.2630, 26.6400, -9.2320

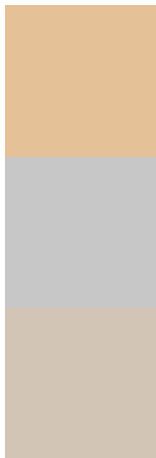
Deuteranomaly

199.2860, 37.0010, -4.2710

Tritanomaly

200.8740, 26.9580, 7.0380

Monochromacy



Original Color

198.6770, 34.3420, -5.6420

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.1770, 12.5630, -1.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6770, 34.3420, -5.6420 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(228, 193, 151)` looks like.

```
.text, #text, p{  
    color:rgb(228, 193, 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(228, 193, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 193, 151) }
```

Border

The CSS property to change the border of an element to YIQ 198.6770, 34.3420, -5.6420 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(228, 193, 151) }
```


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

```
.border{ border-color:rgb(228, 193, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 193, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 193, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 193, 151);  
box-shadow:4px 4px 4px 4px rgb(228, 193,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6770, 34.3420, -5.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 193, 151) }
```

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

```
.background{ background-color: rgb(228,  
193, 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](#).

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