

Converting Colors

YIQ(198.9650, 33.4710, -6.3770)

Have a look what the booklet for
YIQ(198.9650, 33.4710, -6.3770)
contains.

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Color

**YIQ(198.9650, 33.4710,
-6.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C297
RGB	227, 194, 151
RGB Percent	89%, 76%, 59%
CMY	0.1098, 0.2392, 0.4077
CMYK	0.00, 0.15, 0.33, 0.11
HSL	34°, 58%, 74%
HSV	34°, 33%, 89%
XYZ	56.5607, 57.1461, 37.3454
YIQ	198.9650, 33.4710, -6.3770

Conversions

Conversions Part 2

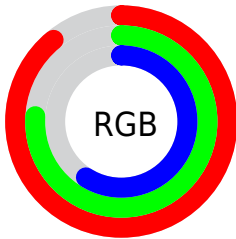
Format	Color
R_{YB}	209, 227, 151
Decimal	14926487
CIE _{Lab}	80.26, 5.64, 25.97
CIE _{LCh}	80, 26.576, 77.748
Yxy	57.1461, 0.3744, 0.3783
Android (android.graphics.Color)	4293116567 (0xFFE3C297)
YUV	198.9650, -23.6467, 24.5867
Hunter-Lab	75.5951, 1.2636, 23.6261

Details

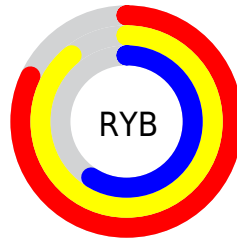
The YIQ color $198.9650, 33.4710, -6.3770$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $179.0350, -33.4710, 6.3770$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.3650, 17.4250, -12.9350$, and $144.9970, 30.4450, -6.6030$ is the 20% darker color. If you saturate the color by 10%, you get $190.4730, 43.6040, -8.3000$, and if you desaturate by 10%, it is $207.4570, 23.3380, -4.4540$.

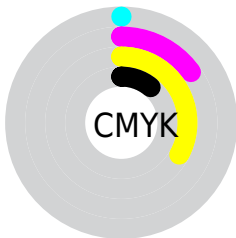
Distribution



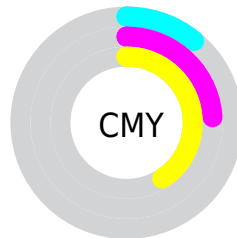
- Red (89%)
- Green (76%)
- Blue (59%)



- Red (82%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (11%)





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.9650, 33.4710, -6.3770 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 198.9650, 33.4710, -6.3770 by changing the saturation by 10% instead.


 198.9650, 33.4710,
-6.3770


 198.9650, 33.4710,
-6.3770

255.0000, -0.0000,
-0.0000


 171.4810, 31.9580,
-6.4900


 246.4790, 17.1040,
-12.6240


 144.4100, 30.7200,
-6.0800

 252.6060, 6.7410,
-6.5310

 118.9260, 29.2070,
-6.1930

 94.3280, 28.0150,
-6.6170

 69.9580, 26.1810,
-6.4190

 46.9470, 24.7140,
-7.3660

 26.6460, 18.4320,

-3.6480

■ 4.4850, 8.9400,
3.1800

■ 0.0000, 0.0000,
0.0000

■ 198.9650, 33.4710,
-6.3770

■ 198.9650, 33.4710,
-6.3770

■ 190.4730, 43.6040,
-8.3000

■ 207.4570, 23.3380,
-4.4540

■ 182.0950, 53.4160,
-9.9120

■ 215.8350, 13.5260,
-2.8420

■ 173.6030, 63.5490,
-11.8350

■ 224.3270, 3.3930,
-0.9190

■ 165.6980, 73.4070,
-14.2810

■ 232.2320, -6.4650,
1.5270

■ 157.3200, 83.2190,
-15.8930

■ 239.5840,
-13.3880, 0.3400

■ 148.8280, 93.3520,
-17.8160

■ 245.4540,
-16.1380, -4.8900

■ 143.0090,
100.0920, -18.8200

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



200.7200, 41.9510, 5.1430



198.9650, 33.4710, -6.3770



196.3000, 16.0500, -15.5500

Triad

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



198.9650, 33.4710, -6.3770



187.8840, -50.0640, -17.8080



202.9970, 5.2230, 20.9910

Complementary

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



198.9650, 33.4710, -6.3770



179.0350, -33.4710, 6.3770

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.



199.9060, -19.6260, 14.2780



198.9650, 33.4710, -6.3770



189.5280, -54.5130, -8.7610

Square

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



198.9650, 33.4710, -6.3770



189.8290, -31.0360, -21.2440



194.5500, -42.4110, 3.1970



203.1320, 26.7720, 21.4280

Rectangle

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



198.9650, 33.4710, -6.3770



194.3520, 1.1040, -20.0160



194.5500, -42.4110, 3.1970



202.3380, -3.1670, 18.8570

Sweetspot

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



198.9650, 33.4710, -6.3770



245.6930, 11.0500, -2.0220



177.6000, 34.3820, 26.6860



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.



198.9650, 33.4710, -6.3770



217.5440, 44.8420, -8.7100



217.1400, 22.0120, -24.4840



110.6970, 5.2270, -1.1170



112.8080, 78.9090, -14.8750



32.2720, 22.4210, -4.3550

Inverse Universe

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



179.0350, -33.4710, 6.3770



190.4560, -44.8420, 8.7100



160.8600, -22.0120, 24.4840



107.3030, -5.2270, 1.1170



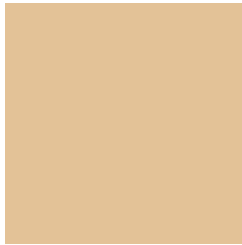
66.1920, -78.9090, 14.8750



18.7280, -22.4210, 4.3550

Previews

White Background



This preview shows how the YIQ color 198.9650, 33.4710, -6.3770 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 198.9650, 33.4710, -6.3770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

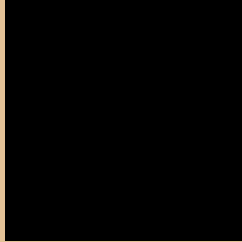
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.9650, 33.4710, -6.3770

Background



This preview shows how black text looks on a background with the YIQ color 198.9650, 33.4710, -6.3770.



This preview shows how white text looks on a background with the YIQ color 198.9650, 33.4710,

-6.3770.

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

198.9650, 33.4710, -6.3770

Protanopia

197.9420, 23.1100, -11.3380

Deuteranopia

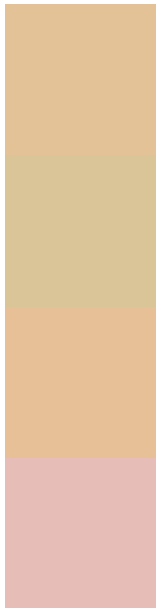
199.4110, 38.1470, -3.0130



Tritanopia

202.4640, 22.6010, 14.4170

Trichromacy



Original Color

198.9650, 33.4710, -6.3770

Protanomaly

198.1490, 26.9610, -9.5430

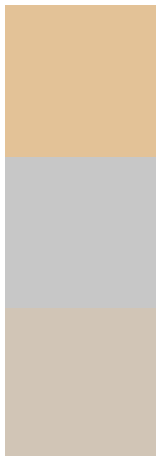
Deuteranomaly

199.1010, 36.0840, -4.1720

Tritanomaly

201.4610, 26.6830, 6.5150

Monochromacy



Original Color

198.9650, 33.4710, -6.3770

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

198.8780, 11.9670, -2.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.9650, 33.4710, -6.3770 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(227, 194, 151)` looks like.

```
.text, #text, p{  
    color:rgb(227, 194, 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(227, 194, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 194, 151) }
```

Border

The CSS property to change the border of an element to YIQ 198.9650, 33.4710, -6.3770 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(227, 194, 151) }
```


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

```
.border{ border-color:rgb(227, 194, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 194, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 194, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 194, 151);  
box-shadow:4px 4px 4px 4px rgb(227, 194,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 198.9650, 33.4710, -6.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 194, 151) }
```

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

```
.background{ background-color: rgb(227,  
194, 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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