

Converting Colors

YIQ(198.4750, 32.0950, -3.4650)

Have a look what the booklet for
YIQ(198.4750, 32.0950, -3.4650)
contains.

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Color

**YIQ(198.4750, 32.0950,
-3.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C09D
RGB	227, 192, 157
RGB Percent	89%, 75%, 62%
CMY	0.1097, 0.2471, 0.3842
CMYK	0.00, 0.15, 0.31, 0.11
HSL	30°, 56%, 75%
HSV	30°, 31%, 89%
XYZ	56.6191, 56.4619, 39.8300
YIQ	198.4750, 32.0950, -3.4650

Conversions

Conversions Part 2

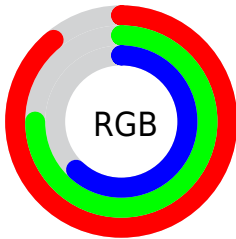
Format	Color
R _Y B	227, 227, 157
Decimal	14925981
CIE Lab	79.88, 7.45, 22.27
CIE LCh	80, 23.479, 71.508
Yxy	56.4619, 0.3703, 0.3692
Android (android.graphics.Color)	4293116061 (0xFFE3C09D)
YUV	198.4750, -20.4472, 25.0164
Hunter-Lab	75.1411, 3.0033, 21.1710

Details

The YIQ color $198.4750, 32.0950, -3.4650$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $185.5250, -32.0950, 3.4650$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.9890, 15.7280, -9.7120$, and $144.6920, 29.9860, -3.7900$ is the 20% darker color. If you saturate the color by 10%, you get $189.3960, 42.5030, -4.8650$, and if you desaturate by 10%, it is $207.5540, 21.6870, -2.0650$.

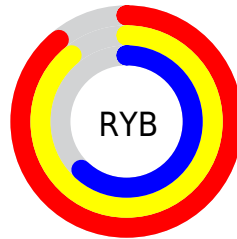
Distribution



Red (89%)

Green (75%)

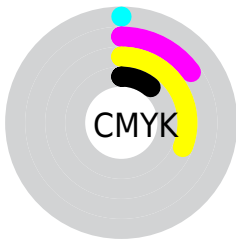
Blue (62%)



Red (89%)

Yellow (89%)

Blue (62%)

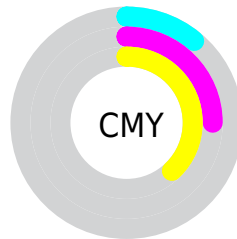


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (11%)



Cyan (11%)

Magenta (25%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 198.4750, 32.0950, -3.4650 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 198.4750, 32.0950, -3.4650 by changing the saturation by 10% instead.


 198.4750, 32.0950,
-3.4650

 198.4750, 32.0950,
-3.4650


255.0000, -0.0000,
-0.0000


 170.9910, 30.5820,
-3.5780


 245.9890, 15.7280,
-9.7120


 144.8060, 29.6650,
-3.4790

 253.2900, 4.8150,
-4.6650

 118.3220, 28.1520,
-3.5920

 93.8380, 26.6390,
-3.7050

 69.4680, 24.8050,
-3.5070

 46.6850, 22.6960,
-3.8320

 26.3580, 19.3030,

-2.9130

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 198.4750, 32.0950,
-3.4650

■ 198.4750, 32.0950,
-3.4650

■ 189.3960, 42.5030,
-4.8650

■ 207.5540, 21.6870,
-2.0650

■ 179.8440, 52.8650,
-5.4310

■ 217.1060, 11.3250,
-1.4990

■ 170.7650, 63.2730,
-6.8310

■ 226.1850, 0.9170,
-0.0990

■ 161.6860, 73.6810,
-8.2310

■ 235.2640, -9.4910,
1.3010

■ 152.1340, 84.0430,
-8.7970

■ 243.1060,
-15.0380, -2.7980

■ 143.0550, 94.4510,
-10.1970

■ 246.6280,
-16.6880, -5.9360

■ 134.2040,
104.2170, -10.9750

Harmonies

Analogous

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



200.3220, 37.3200, 6.4720



198.4750, 32.0950, -3.4650



196.0770, 18.2960, -12.2000

Triad

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



198.4750, 32.0950, -3.4650



189.2010, -40.7110, -16.6070



201.2520, -0.0490, 17.4150

Complementary

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



198.4750, 32.0950, -3.4650



185.5250, -32.0950, 3.4650

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.



198.1290, -21.8720, 10.9280



198.4750, 32.0950, -3.4650



190.0080, -47.1770, -9.5530

Square

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



198.4750, 32.0950, -3.4650



190.4880, -22.6460, -19.1100



193.6380, -39.8430, 0.7090



201.8430, 20.2160, 19.0960

Rectangle

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



198.4750, 32.0950, -3.4650



194.7980, 5.7800, -16.6520



193.6380, -39.8430, 0.7090



200.1910, -7.2470, 15.7050

Sweetspot

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



198.4750, 32.0950, -3.4650



245.9210, 10.4080, -1.4000



182.0340, 30.1640, 26.0360



121.5940, 7.0150, -0.4810



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.



198.4750, 32.0950, -3.4650



216.6950, 43.0990, -4.6530



218.4330, 22.7450, -21.2470



110.1100, 5.5020, -0.5940



105.7640, 82.2090, -8.5990



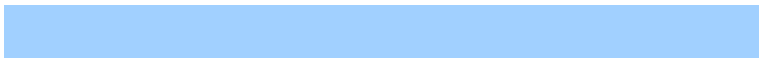
29.9240, 23.5210, -2.2630

Inverse Universe

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



185.5250, -32.0950, 3.4650



199.3050, -43.0990, 4.6530



165.5670, -22.7450, 21.2470



107.8900, -5.5020, 0.5940



72.6490, -81.9340, 9.1220



21.0760, -23.5210, 2.2630

Previews

White Background



This preview shows how the YIQ color 198.4750, 32.0950, -3.4650 looks on a white background.

Color Contrast Check

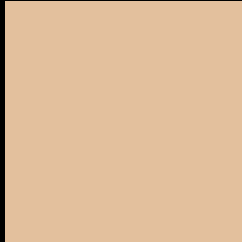
Large Text (above 18pt) WCAG AA × Fail

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 198.4750, 32.0950, -3.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

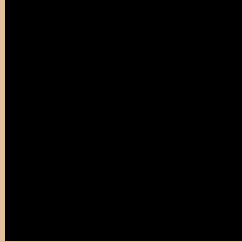
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.4750, 32.0950, -3.4650

Background



This preview shows how black text looks on a background with the YIQ color 198.4750, 32.0950, -3.4650.



This preview shows how white text looks on a background with the YIQ color 198.4750, 32.0950,

-3.4650.

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

198.4750, 32.0950, -3.4650

Protanopia

197.2560, 19.3500, -9.2740

Deuteranopia

198.4970, 35.0290, -1.5710



Tritanopia

201.3500, 22.9220, 14.1060

Trichromacy



Original Color

198.4750, 32.0950, -3.4650

Protanomaly

197.7620, 23.7970, -7.2670

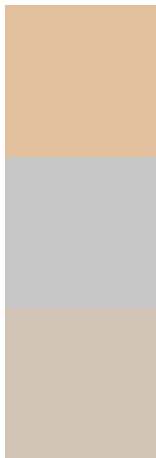
Deuteranomaly

198.7850, 34.1580, -2.3060

Tritanomaly

200.1020, 26.3160, 7.6600

Monochromacy



Original Color

198.4750, 32.0950, -3.4650

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.4050, 11.9210, -1.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.4750, 32.0950, -3.4650 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, 192, 157)` looks like.

```
.text, #text, p{  
    color:rgb(227, 192, 157)  
}
```

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, 192, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 192, 157) }
```

Border

The CSS property to change the border of an element to YIQ 198.4750, 32.0950, -3.4650 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, 192, 157) }
```


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

```
.border{ border-color:rgb(227, 192, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 192, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 192, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 192, 157);  
box-shadow:4px 4px 4px 4px rgb(227, 192,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 198.4750, 32.0950, -3.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 192, 157) }
```

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

```
.background{ background-color: rgb(227,  
192, 157) }
```

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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