

Converting Colors

YIQ(199.6490, 31.5450, -4.5110)

Have a look what the booklet for
YIQ(199.6490, 31.5450, -4.5110)
contains.

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Color

**YIQ(199.6490, 31.5450,
-4.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C29D
RGB	227, 194, 157
RGB Percent	89%, 76%, 62%
CMY	0.1097, 0.2392, 0.3842
CMYK	0.00, 0.15, 0.31, 0.11
HSL	32°, 56%, 75%
HSV	32°, 31%, 89%
XYZ	57.0608, 57.3462, 39.9773
YIQ	199.6490, 31.5450, -4.5110

Conversions

Conversions Part 2

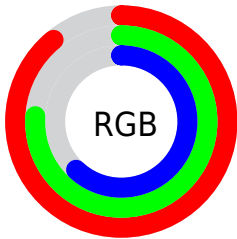
Format	Color
R _Y B	219, 227, 157
Decimal	14926493
CIE Lab	80.37, 6.39, 22.95
CIE LCh	80, 23.823, 74.436
Yxy	57.3462, 0.3696, 0.3715
Android (android.graphics.Color)	4293116573 (0xFFE3C29D)
YUV	199.6490, -21.0260, 23.9868
Hunter-Lab	75.7273, 1.9778, 21.7092

Details

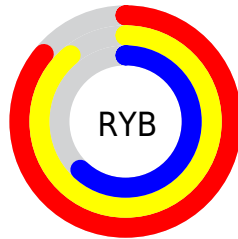
The YIQ color **199.6490, 31.5450, -4.5110** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **184.3510, -31.5450, 4.5110**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.1630, 15.1780, -10.7580**, and **145.2790, 29.7110, -4.3130** is the 20% darker color. If you saturate the color by 10%, you get **190.5700, 41.9530, -5.9110**, and if you desaturate by 10%, it is **208.7280, 21.1370, -3.1110**.

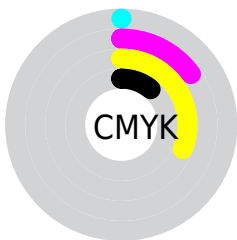
Distribution



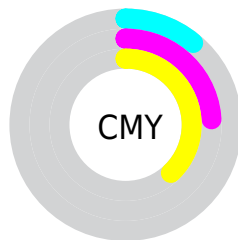
- Red (89%)
- Green (76%)
- Blue (62%)



- Red (86%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.6490, 31.5450, -4.5110 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 199.6490, 31.5450, -4.5110 by changing the saturation by 10% instead.


 199.6490, 31.5450,
-4.5110

 199.6490, 31.5450,
-4.5110


255.0000, -0.0000,
-0.0000


 172.4640, 30.6280,
-4.4120


 247.1630, 15.1780,
-10.7580


 145.3930, 29.3900,
-4.0020

 253.2900, 4.8150,
-4.6650

 119.4960, 27.6020,
-4.6380

 94.4250, 26.3640,
-4.2280

 70.6420, 24.2550,
-4.5530

 48.0440, 23.0630,
-4.9770

 26.9450, 19.0280,

-3.4360

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 199.6490, 31.5450,
-4.5110

■ 199.6490, 31.5450,
-4.5110

■ 190.5700, 41.9530,
-5.9110

■ 208.7280, 21.1370,
-3.1110

■ 182.1920, 51.7650,
-7.5230

■ 217.1060, 11.3250,
-1.4990

■ 173.1130, 62.1730,
-8.9230

■ 226.1850, 0.9170,
-0.0990

■ 164.0340, 72.5810,
-10.3230

■ 235.2640, -9.4910,
1.3010

■ 155.0690, 82.6680,
-11.4120

■ 242.5190,
-14.7630, -2.2750

■ 146.5770, 92.8010,
-13.3350

■ 246.6280,
-16.6880, -5.9360

■ 138.3130,
102.2920, -14.6360

Harmonies

Analogous

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



201.3930, 38.5580, 6.0620



199.6490, 31.5450, -4.5110



197.0660, 16.8290, -13.1470

Triad

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



199.6490, 31.5450, -4.5110



190.2440, -42.2700, -15.8860



202.4480, 2.3350, 18.2630

Complementary

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



199.6490, 31.5450, -4.5110



184.3510, -31.5450, 4.5110

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.



200.0260, -20.0840, 11.5640



199.6490, 31.5450, -4.5110



191.3500, -48.1400, -8.6200

Square

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



199.6490, 31.5450, -4.5110



191.8190, -25.0760, -19.1240



195.4640, -39.2930, 1.7550



203.6260, 22.3250, 19.4210

Rectangle

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



199.6490, 31.5450, -4.5110



195.6020, 3.3960, -17.5000



195.4640, -39.2930, 1.7550



202.0880, -5.4590, 16.3410

Sweetspot

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



199.6490, 31.5450, -4.5110



245.9210, 10.4080, -1.4000



181.8060, 30.8060, 25.4140



122.1810, 6.7400, -1.0040



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.



199.6490, 31.5450, -4.5110



217.8690, 42.5490, -5.6990



218.7210, 21.8740, -21.9820



110.1100, 5.5020, -0.5940



108.6990, 80.8340, -11.2140



31.0980, 22.9710, -3.3090

Inverse Universe

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



184.3510, -31.5450, 4.5110



197.5440, -42.2740, 6.2220



165.2790, -21.8740, 21.9820



107.8900, -5.5020, 0.5940



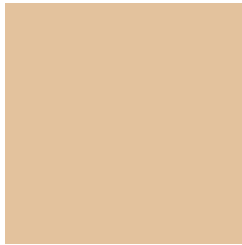
69.7140, -80.5590, 11.7370



19.9020, -22.9710, 3.3090

Previews

White Background



This preview shows how the YIQ color 199.6490, 31.5450, -4.5110 looks on a white background.

Color Contrast Check

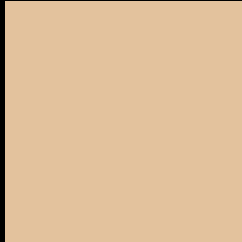
Large Text (above 18pt) WCAG AA × Fail

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 199.6490, 31.5450, -4.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

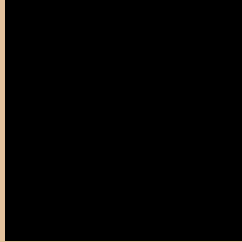
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.6490, 31.5450, -4.5110

Background



This preview shows how black text looks on a background with the YIQ color 199.6490, 31.5450, -4.5110.



This preview shows how white text looks on a background with the YIQ color 199.6490, 31.5450,

-4.5110.

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

199.6490, 31.5450, -4.5110

Protanopia

198.3270, 20.5880, -9.6840

Deuteranopia

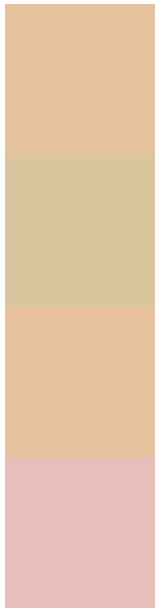
200.3830, 35.3500, -1.8820



Tritanopia

202.7520, 21.7300, 13.6820

Trichromacy



Original Color

199.6490, 31.5450, -4.5110

Protanomaly

198.5340, 24.4390, -7.8890

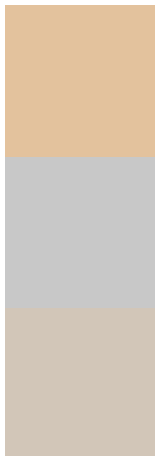
Deuteranomaly

200.3720, 33.8830, -2.8290

Tritanomaly

201.5040, 25.1240, 7.2360

Monochromacy



Original Color

199.6490, 31.5450, -4.5110

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.9920, 11.6460, -1.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.6490, 31.5450, -4.5110 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(227, 194, 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, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 194, 157) }
```

Border

The CSS property to change the border of an element to YIQ 199.6490, 31.5450, -4.5110 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, 157) }
```


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

```
.border{ border-color:rgb(227, 194, 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, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 194, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 194, 157); box-shadow:4px 4px 4px 4px rgb(227, 194, 157) }
```

Background

The CSS property to change the background color of an element to YIQ 199.6490, 31.5450, -4.5110 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, 157) }
```

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

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