

Converting Colors

YIQ(199.5410, 31.7290, -7.8470)

Have a look what the booklet for
YIQ(199.5410, 31.7290, -7.8470)
contains.

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Color

**YIQ(199.5410, 31.7290,
-7.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C497
RGB	225, 196, 151
RGB Percent	88%, 77%, 59%
CMY	0.1176, 0.2314, 0.4077
CMYK	0.00, 0.13, 0.33, 0.12
HSL	36°, 55%, 74%
HSV	36°, 33%, 88%
XYZ	56.3810, 57.7192, 37.4649
YIQ	199.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

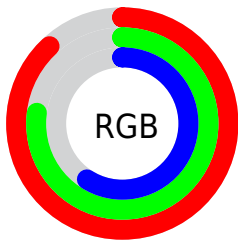
Format	Color
R_{YB}	199, 225, 151
Decimal	14795927
CIE _{Lab}	80.58, 3.81, 26.37
CIE _{LCh}	81, 26.648, 81.777
Yxy	57.7192, 0.3720, 0.3808
Android (android.graphics.Color)	4292986007 (0xFFE1C497)
YUV	199.5410, -23.9307, 22.3275
Hunter-Lab	75.9732, -0.4851, 23.9433

Details

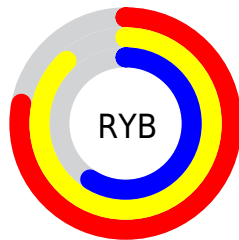
The YIQ color $199.5410, 31.7290, -7.8470$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $176.4590, -31.7290, 7.8470$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $248.1260, 16.6000, -14.5040$, and $145.2850, 29.5740, -7.3380$ is the 20% darker color. If you saturate the color by 10%, you get $191.7500, 41.2660, -9.9820$, and if you desaturate by 10%, it is $207.4460, 21.8710, -5.4010$.

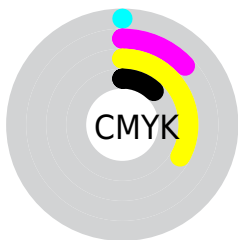
Distribution



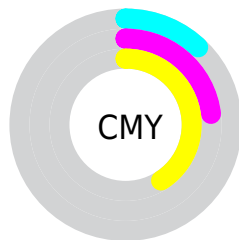
- Red (88%)
- Green (77%)
- Blue (59%)



- Red (78%)
- Yellow (88%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (12%)



- Cyan (12%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5410, 31.7290, -7.8470 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 199.5410, 31.7290, -7.8470 by changing the saturation by 10% instead.

■ 199.5410, 31.7290,
-7.8470

■ 199.5410, 31.7290,
-7.8470

255.0000, -0.0000,
-0.0000

■ 172.3560, 30.8120,
-7.7480

■ 248.2400, 16.2790,
-14.1930

■ 145.2850, 29.5740,
-7.3380

■ 252.6060, 6.7410,
-6.5310

■ 119.3880, 27.7860,
-7.9740

■ 94.3170, 26.5480,
-7.5640

■ 70.5340, 24.4390,
-7.8890

■ 47.8220, 23.5680,
-8.6240

■ 27.5210, 17.2860,

-4.9060

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 199.5410, 31.7290,
-7.8470

■ 199.5410, 31.7290,
-7.8470

■ 191.7500, 41.2660,
-9.9820

■ 207.4460, 21.8710,
-5.4010

■ 183.8450, 51.1240,
-12.4280

■ 215.2370, 12.3340,
-3.2660

■ 176.6410, 60.3860,
-15.0860

■ 222.5550, 2.7510,
-0.2970

■ 168.7360, 70.2440,
-17.5320

■ 230.3460, -6.7860,
1.8380

■ 160.9450, 79.7810,
-19.6670

■ 237.2250,
-13.7550, 1.4850

■ 153.0400, 89.6390,
-22.1130

■ 242.5080,
-16.2300, -3.2220

■ 147.6940, 96.4250,
-23.9510

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



201.7800, 41.7220, 3.7860



199.5410, 31.7290, -7.8470



196.6910, 13.3910, -16.9210

Triad

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



199.5410, 31.7290, -7.8470



188.9270, -51.6230, -17.0870



203.9650, 8.2490, 21.2170

Complementary

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



199.5410, 31.7290, -7.8470



176.4590, -31.7290, 7.8470

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.



201.4010, -16.6460, 15.3380



199.5410, 31.7290, -7.8470



191.3540, -53.9630, -7.7150

Square

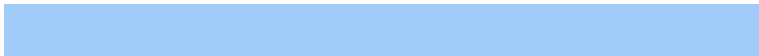
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



199.5410, 31.7290, -7.8470



190.8610, -34.0620, -21.4700



196.2730, -40.0730, 4.8790



204.3880, 28.9270, 20.9190

Rectangle

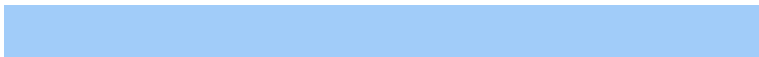
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.5410, 31.7290, -7.8470



194.3840, -1.9220, -20.2420



196.2730, -40.0730, 4.8790



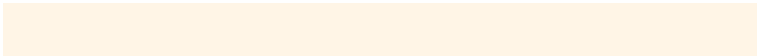
203.1320, 0.4090, 20.1290

Sweetspot

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



199.5410, 31.7290, -7.8470



246.2800, 10.7750, -2.5450



176.5460, 34.4740, 25.0180



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.



199.5410, 31.7290, -7.8470



220.8210, 42.5040, -10.3920



214.4710, 19.5820, -24.4980



108.3980, 4.6310, -1.3290



115.4330, 75.4710, -18.6490



31.3750, 20.6330, -4.9910

Inverse Universe

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



176.4590, -31.7290, 7.8470



190.1790, -42.5040, 10.3920



161.5290, -19.5820, 24.4980



104.6020, -4.6310, 1.3290



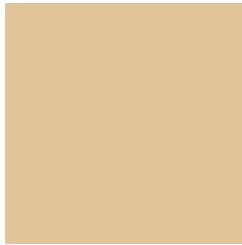
60.5670, -75.4710, 18.6490



16.6250, -20.6330, 4.9910

Previews

White Background



This preview shows how the YIQ color 199.5410, 31.7290, -7.8470 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 199.5410, 31.7290, -7.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

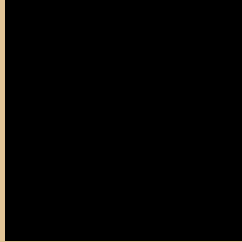
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5410, 31.7290, -7.8470

Background



This preview shows how black text looks on a background with the YIQ color 199.5410, 31.7290, -7.8470.



This preview shows how white text looks on a background with the YIQ color 199.5410, 31.7290, -7.8470.

-7.8470.

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

199.5410, 31.7290, -7.8470

Protanopia

198.8280, 23.4310, -11.6490

Deuteranopia

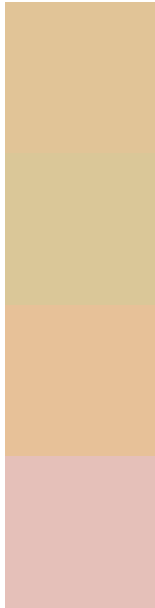
200.2970, 38.4680, -3.3240



Tritanopia

203.2680, 20.2170, 13.5690

Trichromacy



Original Color

199.5410, 31.7290, -7.8470

Protanomaly

199.3230, 26.4110, -10.5890

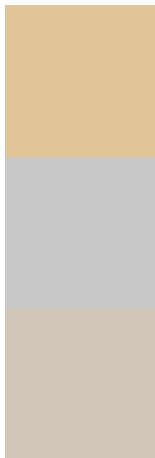
Deuteranomaly

199.6880, 35.8090, -4.6950

Tritanomaly

202.2650, 24.2990, 5.6670

Monochromacy



Original Color

199.5410, 31.7290, -7.8470

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0520, 11.4170, -3.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5410, 31.7290, -7.8470 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(225, 196, 151)` looks like.

```
.text, #text, p{  
    color:rgb(225, 196, 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(225, 196, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 196, 151) }
```

Border

The CSS property to change the border of an element to YIQ 199.5410, 31.7290, -7.8470 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(225, 196, 151) }
```


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

```
.border{ border-color:rgb(225, 196, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 196, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 196, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 196, 151);  
box-shadow:4px 4px 4px 4px rgb(225, 196,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5410, 31.7290, -7.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 196, 151) }
```

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

```
.background{ background-color: rgb(225,  
196, 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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