

Converting Colors

YIQ(199.5910, 37.4600, -7.0840)

Have a look what the booklet for
YIQ(199.5910, 37.4600, -7.0840)
contains.

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Color

**YIQ(199.5910, 37.4600,
-7.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C292
RGB	231, 194, 146
RGB Percent	91%, 76%, 57%
CMY	0.0941, 0.2393, 0.4273
CMYK	0.00, 0.16, 0.37, 0.09
HSL	34°, 64%, 74%
HSV	34°, 37%, 91%
XYZ	57.4401, 57.6448, 35.3126
YIQ	199.5910, 37.4600, -7.0840

Conversions

Conversions Part 2

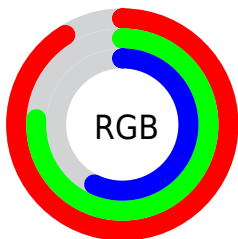
Format	Color
RYB	212, 231, 146
Decimal	15188626
CIELab	80.54, 6.60, 29.04
CIElCh	81, 29.781, 77.187
Yxy	57.6448, 0.3819, 0.3833
Android (android.graphics.Color)	4293378706 (0xFFE7C292)
YUV	199.5910, -26.4204, 27.5457
Hunter-Lab	75.9242, 2.1761, 25.5709

Details

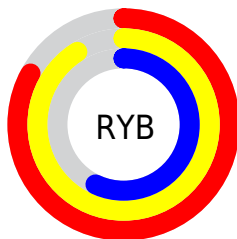
The YIQ color **199.5910, 37.4600, -7.0840** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **177.4090, -37.4600, 7.0840**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.7950, 19.0300, -14.4900**, and **145.6230, 34.4340, -7.3100** is the 20% darker color. If you saturate the color by 10%, you get **191.0990, 47.5930, -9.0070**, and if you desaturate by 10%, it is **208.0830, 27.3270, -5.1610**.

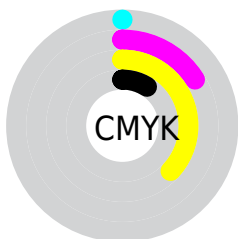
Distribution



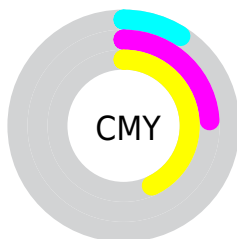
- Red (91%)
- Green (76%)
- Blue (57%)



- Red (83%)
- Yellow (91%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (37%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 199.5910, 37.4600, -7.0840 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 199.5910, 37.4600, -7.0840 by changing the saturation by 10% instead.


 199.5910, 37.4600,
-7.0840


 199.5910, 37.4600,
-7.0840


255.0000, -0.0000,
-0.0000


 172.1070, 35.9470,
-7.1970


 245.7950, 19.0300,
-14.4900


 145.0360, 34.7090,
-6.7870

 252.0360, 8.3460,
-8.0860

 119.5520, 33.1960,
-6.9000

 94.7690, 31.0870,
-7.2250

 70.2850, 29.5740,
-7.3380

 46.8610, 27.8320,
-8.8080

 27.2440, 19.6240,

-3.2240

■ 5.3820, 10.7280,
3.8160

■ 0.0000, 0.0000,
0.0000

■ 199.5910, 37.4600,
-7.0840

■ 199.5910, 37.4600,
-7.0840

■ 191.0990, 47.5930,
-9.0070

■ 208.0830, 27.3270,
-5.1610

■ 182.6070, 57.7260,
-10.9300

■ 216.5750, 17.1940,
-3.2380

■ 174.1150, 67.8590,
-12.8530

■ 225.0670, 7.0610,
-1.3150

■ 165.6230, 77.9920,
-14.7760

■ 233.5590, -3.0720,
0.6080

■ 157.1310, 88.1250,
-16.6990

■ 241.3670,
-11.2790, 0.6650

■ 148.5250, 98.5790,
-18.9330

■ 247.2370,
-14.0290, -4.5650

■ 145.3790,
101.9260, -19.0180

■ 247.8240,
-14.3040, -5.0880

Harmonies

Analogous

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



201.5850, 46.7650, 6.0050



199.5910, 37.4600, -7.0840



196.8010, 18.8930, -17.5150

Triad

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



199.5910, 37.4600, -7.0840



186.2960, -57.2160, -20.3520



203.8770, 5.6810, 23.7050

Complementary

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



199.5910, 37.4600, -7.0840



177.4090, -37.4600, 7.0840

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.



200.6930, -23.3400, 15.5080



199.5910, 37.4600, -7.0840



188.5700, -63.4990, -11.1070

Square

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



199.5910, 37.4600, -7.0840



189.6820, -35.1160, -24.3960



194.3150, -49.0590, 2.5330



204.6810, 29.6600, 24.1560

Rectangle

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



199.5910, 37.4600, -7.0840



194.4830, 2.1130, -21.7830



194.3150, -49.0590, 2.5330



203.0330, -3.6260, 21.6700

Sweetspot

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



199.5910, 37.4600, -7.0840



244.7640, 12.2880, -2.4320



175.7470, 38.4620, 29.8380



121.3660, 7.6570, -1.1030



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.



199.5910, 37.4600, -7.0840



213.4690, 49.4270, -9.2050



220.1140, 24.9010, -27.2830



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.



177.4090, -37.4600, 7.0840



184.5310, -49.4270, 9.2050



156.8860, -24.9010, 27.2830



107.3030, -5.2270, 1.1170



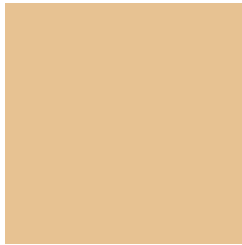
66.1920, -78.9090, 14.8750



18.7280, -22.4210, 4.3550

Previews

White Background



This preview shows how the YIQ color 199.5910, 37.4600, -7.0840 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 199.5910, 37.4600, -7.0840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

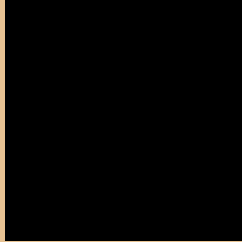
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5910, 37.4600, -7.0840

Background



This preview shows how black text looks on a background with the YIQ color 199.5910, 37.4600, -7.0840.



This preview shows how white text looks on a background with the YIQ color 199.5910, 37.4600, -7.0840.

-7.0840.

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

199.5910, 37.4600, -7.0840

Protanopia

198.6710, 25.3110, -12.6810

Deuteranopia

200.3250, 41.2650, -4.4550



Tritanopia

203.5460, 25.3060, 14.9540

Trichromacy



Original Color

199.5910, 37.4600, -7.0840

Protanomaly

199.1770, 29.7580, -10.6740

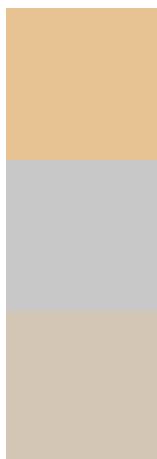
Deuteranomaly

200.3140, 39.7980, -5.4020

Tritanomaly

202.4290, 29.7090, 6.7410

Monochromacy



Original Color

199.5910, 37.4600, -7.0840

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.8350, 13.5260, -2.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5910, 37.4600, -7.0840 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(231, 194, 146)` looks like.

```
.text, #text, p{  
    color:rgb(231, 194, 146)  
}
```

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(231, 194, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 194, 146) }
```

Border

The CSS property to change the border of an element to YIQ 199.5910, 37.4600, -7.0840 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(231, 194, 146) }
```


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

```
.border{ border-color:rgb(231, 194, 146) }
```

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

Here you see how a box with a 4 pixel rgb(231, 194, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 194, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 194, 146);  
box-shadow:4px 4px 4px 4px rgb(231, 194,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5910, 37.4600, -7.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 194, 146) }
```

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

```
.background{ background-color: rgb(231,  
194, 146) }
```

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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