

Converting Colors

YIQ(194.7450, 48.8300, -3.8900)

Have a look what the booklet for
YIQ(194.7450, 48.8300, -3.8900)
contains.

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Color

**YIQ(194.7450, 48.8300,
-3.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB886
RGB	239, 184, 134
RGB Percent	94%, 72%, 53%
CMY	0.0626, 0.2785, 0.4743
CMYK	0.00, 0.23, 0.44, 0.06
HSL	29°, 77%, 73%
HSV	29°, 44%, 94%
XYZ	57.0481, 54.3494, 30.0597
YIQ	194.7450, 48.8300, -3.8900

Conversions

Conversions Part 2

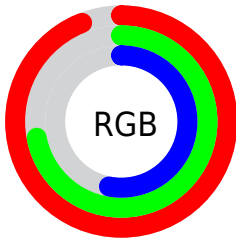
Format	Color
R _Y B	239, 229, 134
Decimal	15710342
CIE Lab	78.67, 13.73, 32.99
CIE LCh	79, 35.729, 67.407
Yxy	54.3494, 0.4033, 0.3842
Android (android.graphics.Color)	4293900422 (0xFFEFB886)
YUV	194.7450, -29.9473, 38.8116
Hunter-Lab	73.7220, 9.1145, 27.4303

Details

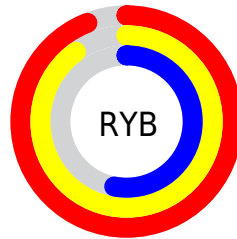
The YIQ color **194.7450, 48.8300, -3.8900** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **178.2550, -48.8300, 3.8900**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5570, 25.6320, -12.9920**, and **140.5920, 44.8870, -4.0170** is the 20% darker color. If you saturate the color by 10%, you get **184.3780, 60.1090, -4.5550**, and if you desaturate by 10%, it is **205.1120, 37.5510, -3.2250**.

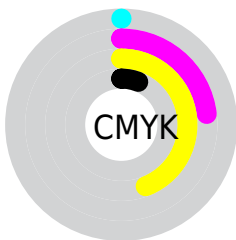
Distribution



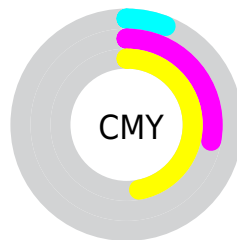
- Red (94%)
- Green (72%)
- Blue (53%)



- Red (94%)
- Yellow (90%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (6%)



- Cyan (6%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 194.7450, 48.8300, -3.8900 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 194.7450, 48.8300, -3.8900 by changing the saturation by 10% instead.


 194.7450, 48.8300,
-3.8900


 194.7450, 48.8300,
-3.8900


255.0000, -0.0000,
-0.0000


 167.2610, 47.3170,
-4.0030


 238.5570, 25.6320,
-12.9920


 140.5920, 44.8870,
-4.0170


 250.5540, 12.5190,
-12.1290

 114.8090, 42.7780,
-4.3420

 253.7460, 3.5310,
-3.4210

 89.7270, 40.0730,
-4.8790

 64.9440, 37.9640,
-5.2040

 43.5460, 33.3330,
-3.8750

 23.1460, 23.0160,

1.3840

■ 5.6810, 11.3240,
4.0280

■ 0.0000, 0.0000,
0.0000

■ 194.7450, 48.8300,
-3.8900

■ 194.7450, 48.8300,
-3.8900

■ 184.3780, 60.1090,
-4.5550

■ 205.1120, 37.5510,
-3.2250

■ 174.5980, 71.1130,
-5.7430

■ 214.8920, 26.5470,
-2.0370

■ 164.2310, 82.3920,
-6.4080

■ 225.2590, 15.2680,
-1.3720

■ 154.4510, 93.3960,
-7.5960

■ 235.0390, 4.2640,
-0.1840

■ 144.1980,
104.3540, -7.9500

■ 245.4060, -7.0150,
0.4810

■ 138.3790,
111.0940, -8.9540

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



196.1670, 54.0540, 11.5740



194.7450, 48.8300, -3.8900



191.5480, 29.8510, -17.8690

Triad

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



194.7450, 48.8300, -3.8900



177.0620, -65.6050, -28.0130



198.4830, -4.7730, 25.9390

Complementary

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



194.7450, 48.8300, -3.8900



178.2550, -48.8300, 3.8900

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.



192.2720, -38.3320, 11.8760



194.7450, 48.8300, -3.8900



175.0510, -84.2670, -20.1950

Square

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



194.7450, 48.8300, -3.8900



183.0750, -32.0890, -29.6970



182.8930, -71.4780, -4.1660



199.7010, 26.9080, 29.9800

Rectangle

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



194.7450, 48.8300, -3.8900



189.5780, 11.9710, -24.2290



182.8930, -71.4780, -4.1660



197.0300, -16.7390, 22.5330

Sweetspot

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



194.7450, 48.8300, -3.8900



241.2590, 15.2680, -1.3720



171.7790, 44.6040, 39.6760



119.1490, 9.7660, -0.7780



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.



194.7450, 48.8300, -3.8900



197.9330, 62.8600, -4.8520



225.2690, 34.5300, -31.0860



115.1100, 5.5020, -0.5940



106.0850, 85.7390, -6.4930



32.5930, 25.9510, -2.2490

Inverse Universe

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



178.2550, -48.8300, 3.8900



177.0670, -62.8600, 4.8520



148.3180, -34.8050, 30.5630



112.8900, -5.5020, 0.5940



77.3280, -85.4640, 7.0160



23.4070, -25.9510, 2.2490

Previews

White Background



This preview shows how the YIQ color 194.7450, 48.8300, -3.8900 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 194.7450, 48.8300, -3.8900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

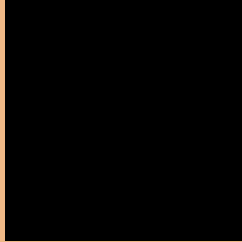
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.7450, 48.8300, -3.8900

Background



This preview shows how black text looks on a background with the YIQ color 194.7450, 48.8300, -3.8900.



This preview shows how white text looks on a background with the YIQ color 194.7450, 48.8300,

-3.8900.

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

194.7450, 48.8300, -3.8900

Protanopia

193.1010, 26.9160, -14.2360

Deuteranopia

194.7120, 44.4290, -6.7310



Tritanopia

198.5150, 35.7590, 18.2470

Trichromacy



Original Color

194.7450, 48.8300, -3.8900

Protanomaly

193.8140, 35.2140, -10.4340

Deuteranomaly

194.7230, 45.8960, -5.7840

Tritanomaly

197.3980, 40.1620, 10.0340

Monochromacy



Original Color

194.7450, 48.8300, -3.8900

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.9280, 17.6980, -1.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.7450, 48.8300, -3.8900 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(239, 184, 134)` looks like.

```
.text, #text, p{  
    color:rgb(239, 184, 134)  
}
```

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(239, 184, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 184, 134) }
```

Border

The CSS property to change the border of an element to YIQ 194.7450, 48.8300, -3.8900 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(239, 184, 134) }
```


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

```
.border{ border-color:rgb(239, 184, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 184, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 184, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 184, 134);  
box-shadow:4px 4px 4px 4px rgb(239, 184,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 194.7450, 48.8300, -3.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 184, 134) }
```

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

```
.background{ background-color: rgb(239,  
184, 134) }
```

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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