

Converting Colors

YIQ(194.7340, 47.3630, -4.8370)

Have a look what the booklet for
YIQ(194.7340, 47.3630, -4.8370)
contains.

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Color

**YIQ(194.7340, 47.3630,
-4.8370)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB986
RGB	237, 185, 134
RGB Percent	93%, 73%, 53%
CMY	0.0705, 0.2746, 0.4743
CMYK	0.00, 0.22, 0.43, 0.07
HSL	30°, 74%, 73%
HSV	30°, 43%, 93%
XYZ	56.5844, 54.4201, 30.0973
YIQ	194.7340, 47.3630, -4.8370

Conversions

Conversions Part 2

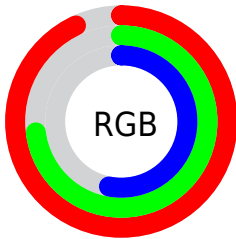
Format	Color
RYB	237, 235, 134
Decimal	15579526
CIELab	78.71, 12.40, 33.00
CIELCh	79, 35.258, 69.403
Yxy	54.4201, 0.4010, 0.3857
Android (android.graphics.Color)	4293769606 (0xFFEDB986)
YUV	194.7340, -29.9419, 37.0673
Hunter-Lab	73.7700, 7.8187, 27.4494

Details

The YIQ color **194.7340, 47.3630, -4.8370** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **176.2660, -47.3630, 4.8370**, and the grayscale version is **195.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1440, 25.3570, -13.5150**, and **140.5810, 43.4200, -4.9640** is the 20% darker color. If you saturate the color by 10%, you get **184.9540, 58.3670, -6.0250**, and if you desaturate by 10%, it is **204.5140, 36.3590, -3.6490**.

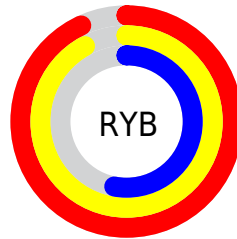
Distribution



Red (93%)

Green (73%)

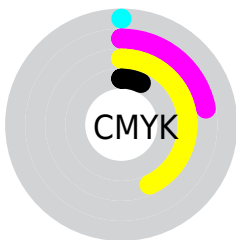
Blue (53%)



Red (93%)

Yellow (92%)

Blue (53%)

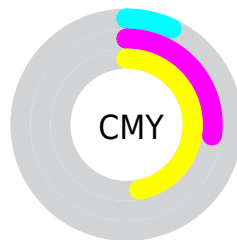


Cyan (0%)

Magenta (22%)

Yellow (43%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.7340, 47.3630, -4.8370 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 194.7340, 47.3630, -4.8370 by changing the saturation by 10% instead.

194.7340, 47.3630,
-4.8370

194.7340, 47.3630,
-4.8370

255.0000, -0.0000,
-0.0000

167.2500, 45.8500,
-4.9500

239.1440, 25.3570,
-13.5150

140.5810, 43.4200,
-4.9640

250.5540, 12.5190,
-12.1290

114.7980, 41.3110,
-5.2890

253.7460, 3.5310,
-3.4210

89.4280, 39.4770,
-5.0910

65.2320, 37.0930,
-5.9390

42.9480, 32.1410,
-4.2990

23.4340, 22.1450,

0.6490

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 194.7340, 47.3630,
-4.8370

■ 194.7340, 47.3630,
-4.8370

■ 184.9540, 58.3670,
-6.0250

■ 204.5140, 36.3590,
-3.6490

■ 175.2880, 69.0500,
-6.9020

■ 214.1800, 25.6760,
-2.7720

■ 165.5080, 80.0540,
-8.0900

■ 223.9600, 14.6720,
-1.5840

■ 155.7280, 91.0580,
-9.2780

■ 233.7400, 3.6680,
-0.3960

■ 146.0620,
101.7410, -10.1550

■ 243.5200, -7.3360,
0.7920

■ 139.5420,
109.0770, -10.9470

■ 249.6180,
-10.7280, -3.8160

Harmonies

Analogous

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



196.6400, 54.1000, 10.7400



194.7340, 47.3630, -4.8370



191.7650, 27.7420, -18.1940

Triad

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



194.7340, 47.3630, -4.8370



177.2900, -66.2470, -27.3910



198.8530, -2.9390, 25.7410

Complementary

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



194.7340, 47.3630, -4.8370



176.2660, -47.3630, 4.8370

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.



192.8810, -35.6730, 13.2470



194.7340, 47.3630, -4.8370



176.0620, -82.8000, -19.2480

Square

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



194.7340, 47.3630, -4.8370



182.8190, -34.2440, -29.1880



183.8010, -68.2230, -2.5830



199.7720, 28.1460, 29.5700

Rectangle

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



194.7340, 47.3630, -4.8370



189.2080, 10.1370, -24.0310



183.8010, -68.2230, -2.5830



197.6990, -14.3090, 22.5470

Sweetspot

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



194.7340, 47.3630, -4.8370



241.2590, 15.2680, -1.3720



170.8390, 44.3750, 38.3190



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.



194.7340, 47.3630, -4.8370



200.5090, 61.1180, -6.3220



224.0840, 33.6130, -30.9870



112.2240, 5.1810, -0.2830



106.9490, 83.1260, -8.6980



31.4080, 25.0340, -2.1500

Inverse Universe

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



176.2660, -47.3630, 4.8370



176.4910, -61.1180, 6.3220



146.9160, -33.6130, 30.9870



110.1890, -4.9060, 0.8060



74.6380, -83.4010, 8.1750



22.0050, -24.7590, 2.6730

Previews

White Background



This preview shows how the YIQ color 194.7340, 47.3630, -4.8370 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 194.7340, 47.3630, -4.8370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

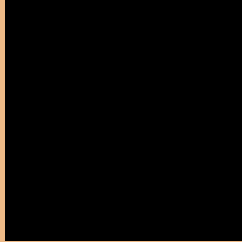
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 194.7340, 47.3630, -4.8370

Background



This preview shows how black text looks on a background with the YIQ color 194.7340, 47.3630, -4.8370.



This preview shows how white text looks on a background with the YIQ color 194.7340, 47.3630, -4.8370.

-4.8370.

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

194.7340, 47.3630, -4.8370

Protanopia

192.9870, 27.2370, -14.5470

Deuteranopia

194.7120, 44.4290, -6.7310



Tritanopia

198.6180, 33.9710, 17.6110

Trichromacy



Original Color

194.7340, 47.3630, -4.8370

Protanomaly

193.5150, 34.6180, -10.6460

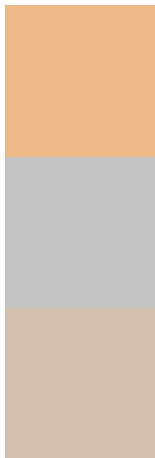
Deuteranomaly

194.4240, 45.3000, -5.9960

Tritanomaly

197.3870, 38.6950, 9.0870

Monochromacy



Original Color

194.7340, 47.3630, -4.8370

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.6290, 17.1020, -1.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.7340, 47.3630, -4.8370 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(237, 185, 134)` looks like.

```
.text, #text, p{  
    color:rgb(237, 185, 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(237, 185, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 185, 134) }
```

Border

The CSS property to change the border of an element to YIQ 194.7340, 47.3630, -4.8370 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(237, 185, 134) }
```


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

```
.border{ border-color:rgb(237, 185, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 185, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 185, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 185, 134);  
box-shadow:4px 4px 4px 4px rgb(237, 185,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 194.7340, 47.3630, -4.8370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 185, 134) }
```

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

```
.background{ background-color: rgb(237,  
185, 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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