

# Converting Colors

YIQ(194.2500, 37.8230, 13.8790)

Have a look what the booklet for  
YIQ(194.2500, 37.8230, 13.8790)  
contains.

<b>YIQ(194.2500, 37.8230, 13.8790)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(194.2500, 37.8230,  
13.8790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFAFB0
RGB	239, 175, 176
RGB Percent	94%, 69%, 69%
CMY	0.0626, 0.3138, 0.3096
CMYK	0.00, 0.27, 0.26, 0.06
HSL	359°, 67%, 81%
HSV	359°, 27%, 94%
XYZ	58.7747, 52.1431, 48.0609
YIQ	194.2500, 37.8230, 13.8790

# Conversions

## Conversions Part 2

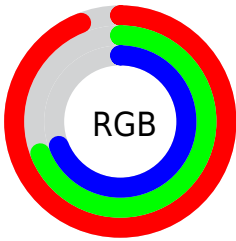
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 175, 176
Decimal	15708080
CIE <sub>Lab</sub>	77.37, 23.54, 8.70
CIE <sub>LCh</sub>	77, 25.093, 20.280
Yxy	52.1431, 0.3697, 0.3280
Android (android.graphics.Color)	4293898160 (0xFFEFAFB0)
YUV	194.2500, -8.9972, 39.2458
Hunter-Lab	72.2102, 18.9205, 11.0855

# Details

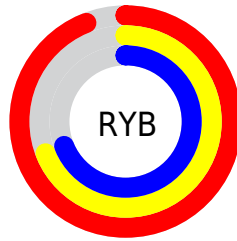
The YIQ color **194.2500, 37.8230, 13.8790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **219.7500, -37.8230, -13.8790**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.2900, 13.9830, 5.3990**, and **140.1680, 35.1180, 13.3420** is the 20% darker color. If you saturate the color by 10%, you get **177.5400, 51.8060, 19.2780**, and if you desaturate by 10%, it is **211.0740, 23.5190, 8.7910**.

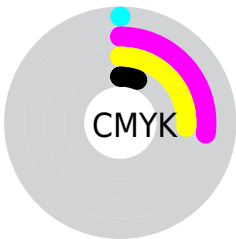
# Distribution



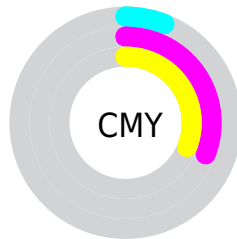
- Red (94%)
- Green (69%)
- Blue (69%)



- Red (94%)
- Yellow (69%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (6%)




- Cyan (6%)
- Magenta (31%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.2500, 37.8230, 13.8790 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 194.2500, 37.8230, 13.8790 by changing the saturation by 10% instead.





 194.2500, 37.8230,  
13.8790


 194.2500, 37.8230,  
13.8790


255.0000, -0.0000,  
-0.0000


 166.6520, 36.6310,  
13.4550


 238.2900, 13.9830,  
5.3990

 140.1680, 35.1180,  
13.3420

 114.2710, 33.3300,  
12.7060

 89.3740, 31.5420,  
12.0700

 64.8900, 30.0290,  
11.9570

 41.8080, 27.3240,  
11.4200

 18.3950, 27.0490,

10.8970

■ 7.5890, 14.5790,  
5.6110

■ 0.0000, 0.0000,  
0.0000

■ 194.2500, 37.8230,  
13.8790

■ 194.2500, 37.8230,  
13.8790

■ 177.5400, 51.8060,  
19.2780

■ 211.0740, 23.5190,  
8.7910

■ 160.7160, 66.1100,  
24.3660

■ 227.7840, 9.5360,  
3.3920

■ 144.0060, 80.0930,  
29.7650

■ 244.6080, -4.7680,  
-1.6960

■ 127.1820, 94.3970,  
34.8530

■ 250.2160, -9.5360,  
-3.3920

■ 110.3580,  
108.7010, 39.9410

■ 94.2350, 122.4090,  
44.8170

■ 77.4110, 136.7130,  
49.9050

■ 71.9170, 141.1600,  
51.9120

# Harmonies

## Analogous

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



195.1920, 26.5430, 20.0710



194.2500, 37.8230, 13.8790



193.1110, 39.2920, 3.7720

# Triad

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



194.2500, 37.8230, 13.8790



185.6760, -8.6160, -20.0720



187.7030, -38.4680, 3.3240

# Complementary

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



194.2500, 37.8230, 13.8790



219.7500, -37.8230, -13.8790

# 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.



182.6210, -50.3410, -7.2770



194.2500, 37.8230, 13.8790



182.6550, -30.4860, -20.1980

# Square

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



194.2500, 37.8230, 13.8790



188.6310, 13.6200, -15.5640



180.9060, -47.1300, -15.9140



192.4610, -16.8750, 13.9810



# Rectangle

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



194.2500, 37.8230, 13.8790



191.2580, 34.2040, -3.1400



180.9060, -47.1300, -15.9140



185.9580, -43.7400, -0.2520

# Sweetspot

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



194.2500, 37.8230, 13.8790



240.9800, 11.9200, 4.2400



201.1330, 17.0040, 33.2600



118.8870, 7.7480, 2.7560



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.



194.2500, 37.8230, 13.8790



197.7460, 48.2300, 18.0060



212.3330, 29.6190, -2.6450



111.5880, 7.1520, 2.5440



55.3580, 108.7010, 39.9410



16.8580, 33.0550, 12.1830



# Inverse Universe

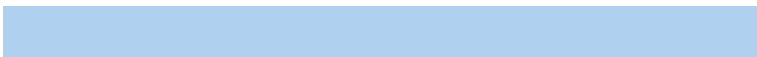
The Inverse Universe completely reimagines the original color for something new.



194.2500, 37.8230, 13.8790



197.7460, 48.2300, 18.0060



201.6670, -29.6190, 2.6450



111.5880, 7.1520, 2.5440



55.3580, 108.7010, 39.9410

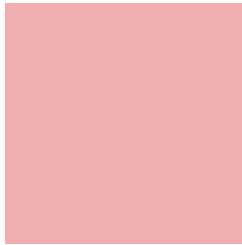


16.8580, 33.0550, 12.1830



# Previews

## White Background



This preview shows how the YIQ color 194.2500, 37.8230, 13.8790 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

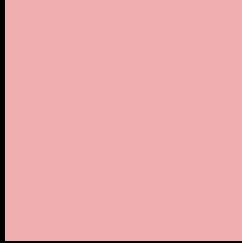
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.2500, 37.8230, 13.8790 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 194.2500, 37.8230, 13.8790

## Background



This preview shows how black text looks on a background with the YIQ color 194.2500, 37.8230, 13.8790.



This preview shows how white text looks on a background with the YIQ color 194.2500, 37.8230,

13.8790.

# 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

194.2500, 37.8230, 13.8790

### Protanopia

191.8110, 4.9060, -0.8060

### Deuteranopia

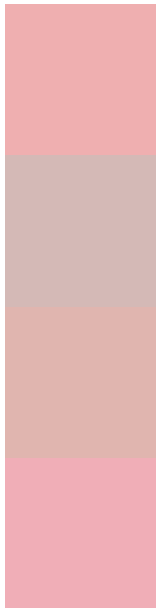
193.0150, 22.0070, 3.1510



## Tritanopia

194.6290, 35.4380, 18.5580

# Trichromacy



## Original Color

194.2500, 37.8230, 13.8790

## Protanomaly

192.7310, 17.0550, 4.7910

## Deuteranomaly

193.1730, 27.5540, 7.2500

## Tritanomaly

194.7600, 36.4470, 16.7910

# Monochromacy



## Original Color

194.2500, 37.8230, 13.8790

## Achromatopsia

194.0000, -0.0000, 0.0000

## Achromatomaly

193.8770, 13.7080, 4.8760

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.2500, 37.8230, 13.8790 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, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(239, 175, 176)  
}
```

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, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 175, 176) }
```

## Border

The CSS property to change the border of an element to YIQ 194.2500, 37.8230, 13.8790 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, 175, 176) }
```



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

```
.border{ border-color:rgb(239, 175, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(239, 175,  
176) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.2500, 37.8230, 13.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 175, 176) }
```

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

```
.background{ background-color: rgb(239,  
175, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor