

# Converting Colors

YIQ(194.8140, 44.3820, -0.3700)

Have a look what the booklet for  
YIQ(194.8140, 44.3820, -0.3700)  
contains.

<b>YIQ(194.8140, 44.3820, -0.3700)</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(194.8140, 44.3820,  
-0.3700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EDB791
RGB	237, 183, 145
RGB Percent	93%, 72%, 57%
CMY	0.0705, 0.2824, 0.4312
CMYK	0.00, 0.23, 0.39, 0.07
HSL	25°, 72%, 75%
HSV	25°, 39%, 93%
XYZ	56.9776, 53.9126, 34.2124
YIQ	194.8140, 44.3820, -0.3700

# Conversions

## Conversions Part 2

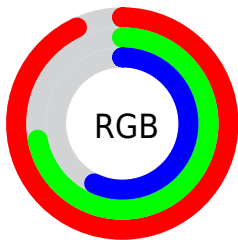
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 210, 145
Decimal	15579025
CIE Lab	78.41, 14.65, 26.81
CIE LCh	78, 30.550, 61.347
Yxy	53.9126, 0.3927, 0.3715
Android (android.graphics.Color)	4293769105 (0xFFEDB791)
YUV	194.8140, -24.5583, 36.9971
Hunter-Lab	73.4252, 10.0210, 23.7716

# Details

The YIQ color  $194.8140, 44.3820, -0.3700$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $187.1860, -44.3820, 0.3700$ , and the grayscale version is  $195.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $239.2240, 22.3760, -9.0480$ , and  $140.5470, 40.7600, -0.8080$  is the 20% darker color. If you saturate the color by 10%, you get  $183.8600, 55.9360, -0.5120$ , and if you desaturate by 10%, it is  $205.7680, 32.8280, -0.2280$ .

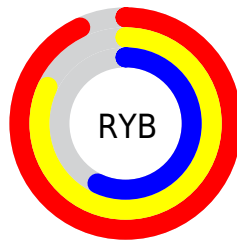
# Distribution



Red (93%)

Green (72%)

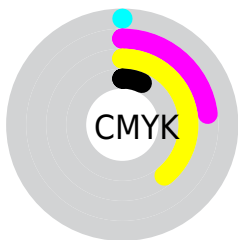
Blue (57%)



Red (93%)

Yellow (82%)

Blue (57%)

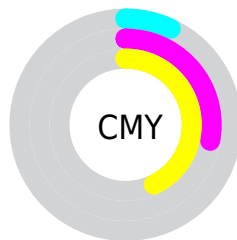


Cyan (0%)

Magenta (23%)

Yellow (39%)

Black (7%)



Cyan (7%)

Magenta (28%)


Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.8140, 44.3820, -0.3700 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 194.8140, 44.3820, -0.3700 by changing the saturation by 10% instead.




 194.8140, 44.3820,  
-0.3700

 194.8140, 44.3820,  
-0.3700

255.0000, -0.0000,  
-0.0000


 167.3300, 42.8690,  
-0.4830


 239.2240, 22.3760,  
-9.0480


 140.5470, 40.7600,  
-0.8080

 251.8080, 8.9880,  
-8.7080

 114.7640, 38.6510,  
-1.1330

 89.9810, 36.5420,  
-1.4580

 65.6110, 34.7080,  
-1.2600

 42.1870, 32.9660,  
-2.7300

 22.8580, 23.8870,

2.1190

■ 5.3820, 10.7280,  
3.8160

■ 0.0000, 0.0000,  
0.0000

■ 194.8140, 44.3820,  
-0.3700

■ 194.8140, 44.3820,  
-0.3700

■ 183.8600, 55.9360,  
-0.5120

■ 205.7680, 32.8280,  
-0.2280

■ 173.0200, 67.1690,  
-0.3430

■ 216.6080, 21.5950,  
-0.3970

■ 162.0660, 78.7230,  
-0.4850

■ 227.5620, 10.0410,  
-0.2550

■ 151.1120, 90.2770,  
-0.6270

■ 238.5160, -1.5130,  
-0.1130

■ 140.2720,  
101.5100, -0.4580

■ 248.4440,  
-10.1780, -2.7700

■ 129.3180,  
113.0640, -0.6000

■ 249.6180,  
-10.7280, -3.8160

■ 128.3890,  
114.3020, -1.0100

# Harmonies

## Analogous

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



196.3990, 47.5890, 13.1010



194.8140, 44.3820, -0.3700



192.5960, 29.8960, -13.1760

# Triad

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



194.8140, 44.3820, -0.3700



181.2660, -48.5040, -24.0560



196.5700, -9.6320, 20.3840

# Complementary

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



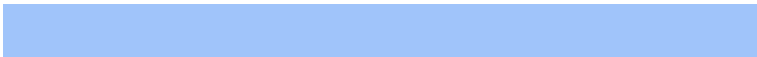
194.8140, 44.3820, -0.3700



187.1860, -44.3820, 0.3700

# 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.



191.3920, -38.7900, 9.1620



194.8140, 44.3820, -0.3700



179.6850, -65.5610, -17.7930

# Square

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



194.8140, 44.3820, -0.3700



185.2830, -20.8110, -24.8350



184.2270, -60.7950, -5.0430



198.5750, 18.3350, 25.6550



# Rectangle

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



194.8140, 44.3820, -0.3700



190.5940, 15.0420, -19.3100



184.2270, -60.7950, -5.0430



195.6010, -20.0850, 17.0910

# Sweetspot

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



194.8140, 44.3820, -0.3700



240.9000, 14.9010, -0.2270



178.7780, 37.1770, 36.6090



119.4910, 8.8030, 0.1550



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.



194.8140, 44.3820, -0.3700



200.2300, 57.7700, -0.7100



221.2290, 32.0070, -23.9050



111.6370, 5.4560, 0.2400



98.1440, 87.2510, -0.8530



29.0600, 26.1340, -0.0580



# Inverse Universe

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



187.1860, -44.3820, 0.3700



190.3570, -58.0450, 0.1870



160.7710, -32.0070, 23.9050



110.7760, -5.1810, 0.2830



82.8560, -87.2510, 0.8530



24.3530, -25.8590, 0.5810



# Previews

## White Background



This preview shows how the YIQ color 194.8140, 44.3820, -0.3700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

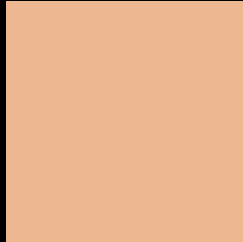
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.8140, 44.3820, -0.3700 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

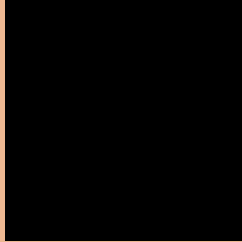
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 194.8140, 44.3820, -0.3700**

## **Background**



This preview shows how black text looks on a background with the YIQ color 194.8140, 44.3820, -0.3700.



This preview shows how white text looks on a background with the YIQ color 194.8140, 44.3820, -0.3700.

-0.3700.

# 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

194.8140, 44.3820, -0.3700

### Protanopia

192.8710, 21.8720, -10.9280

### Deuteranopia

194.0690, 39.1100, -3.9460



## Tritanopia

197.9170, 34.5670, 17.8230

# Trichromacy



## Original Color

194.8140, 44.3820, -0.3700

## Protanomaly

193.5840, 30.1700, -7.1260

## Deuteranomaly

194.3790, 41.1730, -2.7870

## Tritanomaly

196.6690, 37.9610, 11.3770

# Monochromacy



## Original Color

194.8140, 44.3820, -0.3700

## Achromatopsia

195.0000, -0.0000, 0.0000

## Achromatomaly

195.0850, 15.8180, -0.3260

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.8140, 44.3820, -0.3700 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, 183, 145)` looks like.

```
.text, #text, p{  
    color:rgb(237, 183, 145)  
}
```

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, 183, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 145) }
```

## Border

The CSS property to change the border of an element to YIQ 194.8140, 44.3820, -0.3700 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, 183, 145) }
```



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

```
.border{ border-color:rgb(237, 183, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 183, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 145);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
145) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.8140, 44.3820, -0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 145) }
```

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

```
.background{ background-color: rgb(237,  
183, 145) }
```

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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