

# Converting Colors

YIQ(194.0630, 31.2200, 17.9080)

Have a look what the booklet for  
YIQ(194.0630, 31.2200, 17.9080)  
contains.

<b>YIQ(194.0630, 31.2200, 17.9080)</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(194.0630, 31.2200,  
17.9080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBAEBE
RGB	235, 174, 190
RGB Percent	92%, 68%, 75%
CMY	0.0783, 0.3177, 0.2548
CMYK	0.00, 0.26, 0.19, 0.08
HSL	344°, 60%, 80%
HSV	344°, 26%, 92%
XYZ	58.7025, 51.6501, 55.6070
YIQ	194.0630, 31.2200, 17.9080

# Conversions

## Conversions Part 2

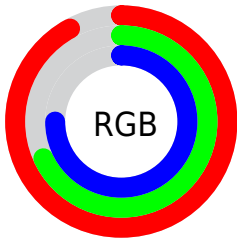
Format	Color
R <sub>Y</sub> B	235, 174, 190
Decimal	15445694
CIE Lab	77.07, 24.64, 0.60
CIE LCh	77, 24.642, 1.401
Yxy	51.6501, 0.3537, 0.3112
Android (android.graphics.Color)	4293635774 (0xFFEBAEBE)
YUV	194.0630, -2.0031, 35.9017
Hunter-Lab	71.8680, 20.0316, 4.4326

# Details

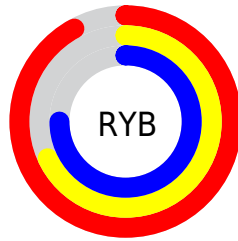
The YIQ color  $194.0630, 31.2200, 17.9080$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $214.9370, -31.2200, -17.9080$ , and the grayscale version is  $194.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $239.2990, 9.7640, 10.2760$ , and  $139.8670, 28.8360, 17.0600$  is the 20% darker color. If you saturate the color by 10%, you get  $178.0370, 43.2770, 25.1730$ , and if you desaturate by 10%, it is  $209.5020, 19.4380, 11.1660$ .

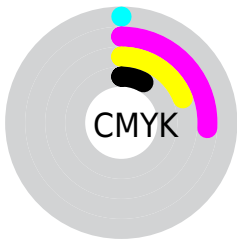
# Distribution



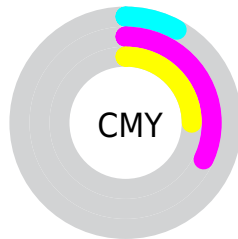
- Red (92%)
- Green (68%)
- Blue (75%)



- Red (92%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (26%)
- Yellow (19%)
- Black (8%)



- Cyan (8%)
- Magenta (32%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.0630, 31.2200, 17.9080 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 194.0630, 31.2200, 17.9080 by changing the saturation by 10% instead.



■ 194.0630, 31.2200,  
17.9080

■ 194.0630, 31.2200,  
17.9080

255.0000, -0.0000,  
-0.0000

■ 166.4650, 30.0280,  
17.4840

■ 239.2990, 9.7640,  
10.2760

■ 139.8670, 28.8360,  
17.0600

■ 114.1550, 27.9650,  
16.3250

■ 89.2580, 26.1770,  
15.6890

■ 64.7740, 24.6640,  
15.5760

■ 41.8770, 22.8760,  
14.9400

■ 18.9200, 21.3170,

15.6610

■ 7.5890, 14.5790,  
5.6110

■ 0.0000, 0.0000,  
0.0000

■ 194.0630, 31.2200,  
17.9080

■ 194.0630, 31.2200,  
17.9080

■ 178.0370, 43.2770,  
25.1730

■ 209.5020, 19.4380,  
11.1660

■ 162.4840, 55.3800,  
31.6040

■ 225.6420, 7.0600,  
4.2120

■ 146.4580, 67.4370,  
38.8690

■ 241.0810, -4.7220,  
-2.5300

■ 131.0190, 79.2190,  
45.6110

■ 249.0200,  
-11.9200, -4.2400

■ 114.8790, 91.5970,  
52.5650

■ 99.4400, 103.3790,  
59.3070

■ 83.4140, 115.4360,  
66.5720

■ 77.3330, 120.1580,  
69.1020

# Harmonies

## Analogous

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



194.2600, 14.6680, 20.5240



194.0630, 31.2200, 17.9080



193.0280, 38.3280, 10.2320

# Triad

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



194.0630, 31.2200, 17.9080



186.6840, 6.1010, -16.9630



183.9960, -46.9030, -3.5030

# Complementary

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



194.0630, 31.2200, 17.9080



214.9370, -31.2200, -17.9080

# 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.



180.2310, -49.4230, -12.9030



194.0630, 31.2200, 17.9080



183.7830, -16.2270, -19.8030

# Square

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



194.0630, 31.2200, 17.9080



189.0670, 24.2560, -10.0800



181.0010, -37.2720, -18.3600



188.5300, -30.4910, 7.4370



# Rectangle

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



194.0630, 31.2200, 17.9080



191.9260, 38.3750, 3.8710



181.0010, -37.2720, -18.3600



182.2190, -49.1490, -6.8530

# Sweetspot

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



194.0630, 31.2200, 17.9080



241.5500, 10.3150, 5.7950



194.4090, 7.2390, 28.5110



119.2290, 6.7850, 3.6890



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.



194.0630, 31.2200, 17.9080



202.0150, 40.3430, 23.2790



200.4570, 32.5060, 5.6100



109.6310, 5.5930, 3.2650



59.5910, 92.4680, 53.3000



17.7420, 27.6900, 15.8020



# Inverse Universe

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



194.0630, 31.2200, 17.9080



202.0150, 40.3430, 23.2790



208.5430, -32.5060, -5.6100



109.6310, 5.5930, 3.2650



59.5910, 92.4680, 53.3000



17.7420, 27.6900, 15.8020



# Previews

## White Background



This preview shows how the YIQ color 194.0630, 31.2200, 17.9080 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

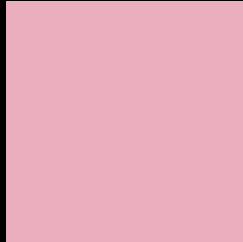
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.0630, 31.2200, 17.9080 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

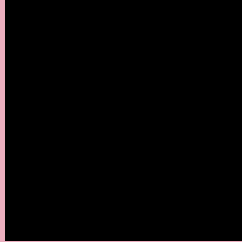
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 194.0630, 31.2200, 17.9080

## Background



This preview shows how black text looks on a background with the YIQ color 194.0630, 31.2200, 17.9080.



This preview shows how white text looks on a background with the YIQ color 194.0630, 31.2200,

17.9080.

# 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

194.0630, 31.2200, 17.9080

### Protanopia

191.6240, -1.6970, 3.2230

### Deuteranopia

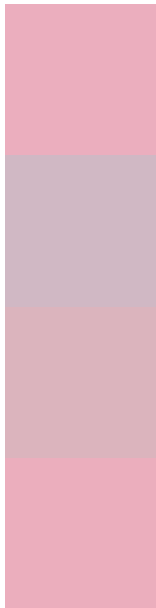
192.2300, 14.2120, 6.7560



## Tritanopia

193.8350, 31.8620, 17.2860

# Trichromacy



## Original Color

194.0630, 31.2200, 17.9080

## Protanomaly

192.5440, 10.4520, 8.8200

## Deuteranomaly

192.6870, 20.3550, 11.0670

## Tritanomaly

193.9490, 31.5410, 17.5970

# Monochromacy



## Original Color

194.0630, 31.2200, 17.9080

## Achromatopsia

194.0000, -0.0000, 0.0000

## Achromatomaly

194.2620, 11.1860, 6.5300

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.0630, 31.2200, 17.9080 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(235, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 190)  
}
```

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(235, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 190) }
```

## Border

The CSS property to change the border of an element to YIQ 194.0630, 31.2200, 17.9080 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(235, 174, 190) }
```



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

```
.border{ border-color:rgb(235, 174, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 174, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 190);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
190) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.0630, 31.2200, 17.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 190) }
```

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

```
.background{ background-color: rgb(235,  
174, 190) }
```

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