

# Converting Colors

YIQ(194.4700, 40.8000, 31.5200)

Have a look what the booklet for  
YIQ(194.4700, 40.8000, 31.5200)  
contains.

<b>YIQ(194.4700, 40.8000, 31.5200)</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(194.4700, 40.8000,  
31.5200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDA3CB
RGB	253, 163, 203
RGB Percent	99%, 64%, 80%
CMY	0.0076, 0.3609, 0.2038
CMYK	0.00, 0.36, 0.20, 0.01
HSL	333°, 96%, 82%
HSV	333°, 36%, 99%
XYZ	64.4042, 51.3885, 63.0453
YIQ	194.4700, 40.8000, 31.5200

# Conversions

## Conversions Part 2

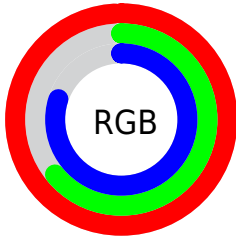
Format	Color
R <sub>Y</sub> B	253, 163, 203
Decimal	16622539
CIE Lab	76.91, 38.68, -6.50
CIE LCh	77, 39.218, 350.459
Yxy	51.3885, 0.3601, 0.2873
Android (android.graphics.Color)	4294812619 (0xFFFDA3CB)
YUV	194.4700, 4.2053, 51.3308
Hunter-Lab	71.6858, 34.9186, -1.9636

# Details

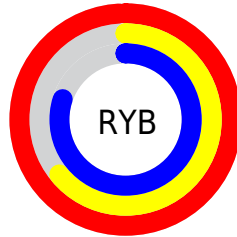
The YIQ color  $194.4700, 40.8000, 31.5200$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $221.5300, -40.8000, -31.5200$ , and the grayscale version is  $194.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $233.8680, 9.9000, 18.8280$ , and  $139.8610, 38.1410, 30.1490$  is the 20% darker color. If you saturate the color by 10%, you get  $178.1990, 52.1690, 40.2410$ , and if you desaturate by 10%, it is  $210.7410, 29.4310, 22.7990$ .

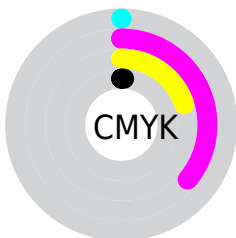
# Distribution



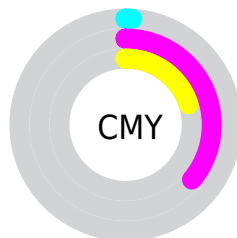
- Red (99%)
- Green (64%)
- Blue (80%)



- Red (99%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (20%)
- Black (1%)




- Cyan (1%)
- Magenta (36%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.4700, 40.8000, 31.5200 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 194.4700, 40.8000, 31.5200 by changing the saturation by 10% instead.





 194.4700, 40.8000,  
31.5200


 194.4700, 40.8000,  
31.5200


255.0000, -0.0000,  
-0.0000


 166.8720, 39.6080,  
31.0960


 233.8680, 9.9000,  
18.8280


 139.8610, 38.1410,  
30.1490

 250.8910, 1.9250,  
3.6610

 113.2630, 36.9490,  
29.7250

 87.3660, 35.1610,  
29.0890

 61.4090, 33.6020,  
29.8100

 33.4030, 33.7390,  
32.8350

 21.4740, 25.8090,

22.3610

■ 11.8180, 21.3640,  
9.3000

■ 0.0000, 0.0000,  
0.0000

■ 194.4700, 40.8000,  
31.5200

■ 194.4700, 40.8000,  
31.5200

■ 178.1990, 52.1690,  
40.2410

■ 210.7410, 29.4310,  
22.7990

■ 161.3410, 63.8130,  
49.4850

■ 227.5990, 17.7870,  
13.5550

■ 145.0700, 75.1820,  
58.2060

■ 243.8700, 6.4180,  
4.8340

■ 128.7990, 86.5510,  
66.9270

254.4020, -1.1920,  
-0.4240

■ 111.9410, 98.1950,  
76.1710

■ 95.6700, 109.5640,  
84.8920

■ 88.5290, 114.5150,  
88.7790

# Harmonies

## Analogous

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



194.8440, 10.4480, 30.9280



194.4700, 40.8000, 31.5200



190.8500, 53.8690, 20.4370

# Triad

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



194.4700, 40.8000, 31.5200



184.7700, 20.1780, -24.2860



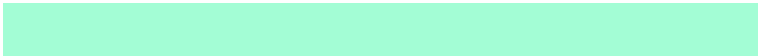
166.5040, -98.6640, -18.0880

# Complementary

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



194.4700, 40.8000, 31.5200



221.5300, -40.8000, -31.5200

# 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.



163.8230, -92.7930, -30.8810



194.4700, 40.8000, 31.5200



179.8890, -14.0700, -31.3660

# Square

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



194.4700, 40.8000, 31.5200



188.7350, 45.6220, -11.8340



173.0600, -54.0960, -32.8480



180.2900, -65.1060, 1.5020



# Rectangle

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



194.4700, 40.8000, 31.5200



191.2770, 59.5560, 10.9800



173.0600, -54.0960, -32.8480



163.0640, -103.4770, -24.4770

# Sweetspot

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



194.4700, 40.8000, 31.5200



236.7400, 12.8360, 9.6680



188.2100, 0.9100, 38.5900



116.8810, 7.8850, 5.7810



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.



194.4700, 40.8000, 31.5200



183.4760, 49.8310, 38.5590



192.2580, 52.5400, 16.9880



119.4570, 6.1430, 4.3110



66.7990, 86.5510, 66.9270



22.3280, 29.1560, 22.2760



# Inverse Universe

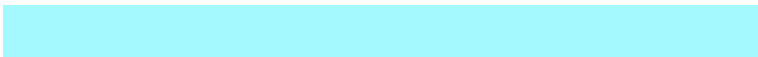
The Inverse Universe completely reimagines the original color for something new.



194.4700, 40.8000, 31.5200



183.4760, 49.8310, 38.5590



223.7420, -52.5400, -16.9880



119.4570, 6.1430, 4.3110



66.7990, 86.5510, 66.9270



22.3280, 29.1560, 22.2760



# Previews

## White Background



This preview shows how the YIQ color 194.4700, 40.8000, 31.5200 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

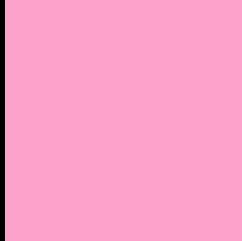
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.4700, 40.8000, 31.5200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

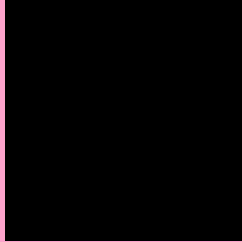
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 194.4700, 40.8000, 31.5200

## Background



This preview shows how black text looks on a background with the YIQ color 194.4700, 40.8000, 31.5200.



This preview shows how white text looks on a background with the YIQ color 194.4700, 40.8000,



# 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

194.4700, 40.8000, 31.5200

### Protanopia

191.2240, -12.0140, 8.4820

### Deuteranopia

192.5760, 7.4260, 8.5940



## Tritanopia

193.5980, 45.8910, 21.8510

# Trichromacy



## Original Color

194.4700, 40.8000, 31.5200



## Protanomaly

192.7320, 7.2870, 16.6230



## Deuteranomaly

193.0770, 19.4370, 16.6930



## Tritanomaly

194.2220, 44.1940, 25.0740

# Monochromacy



## Original Color

194.4700, 40.8000, 31.5200



## Achromatopsia

194.0000, -0.0000, 0.0000



## Achromatomaly

194.1640, 14.5780, 11.1380

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.4700, 40.8000, 31.5200 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(253, 163, 203)` looks like.

```
.text, #text, p{  
    color:rgb(253, 163, 203)  
}
```

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(253, 163, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 163, 203) }
```

## Border

The CSS property to change the border of an element to YIQ 194.4700, 40.8000, 31.5200 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(253, 163, 203) }
```



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

```
.border{ border-color:rgb(253, 163, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 163, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 163, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 163, 203);  
box-shadow:4px 4px 4px 4px rgb(253, 163,  
203) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.4700, 40.8000, 31.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 163, 203) }
```

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

```
.background{ background-color: rgb(253,  
163, 203) }
```

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