

# Converting Colors

YIQ(192.9390, 1.9700, 8.3540)

Have a look what the booklet for  
YIQ(192.9390, 1.9700, 8.3540)  
contains.

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# Color

**YIQ(192.9390, 1.9700,  
8.3540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8BBCD
RGB	200, 187, 205
RGB Percent	78%, 73%, 80%
CMY	0.2156, 0.2667, 0.1961
CMYK	0.02, 0.09, 0.00, 0.20
HSL	283°, 15%, 77%
HSV	283°, 9%, 80%
XYZ	52.6107, 52.2269, 65.0645
YIQ	192.9390, 1.9700, 8.3540

# Conversions

## Conversions Part 2

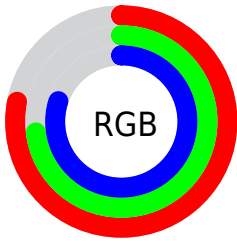
Format	Color
R <sub>Y</sub> B	200, 187, 205
Decimal	13155277
CIE Lab	77.42, 7.88, -7.40
CIE LCh	77, 10.805, 316.807
Yxy	52.2269, 0.3097, 0.3074
Android (android.graphics.Color)	4291345357 (0xFFC8BBCD)
YUV	192.9390, 5.9461, 6.1925
Hunter-Lab	72.2682, 3.4774, -2.7923

# Details

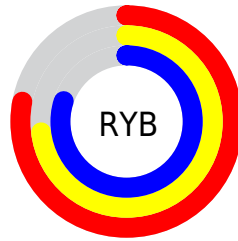
The YIQ color `192.9390, 1.9700, 8.3540` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `199.0610, -1.9700, -8.3540`, and the grayscale version is `193.0000, -0.0000, -0.0000`.

A 20% lighter version of the original color is `247.9560, 3.3000, 6.2760`, and `139.5260, 1.6950, 7.8310` is the 20% darker color. If you saturate the color by 10%, you get `178.8180, 4.1690, 18.0650`, and if you desaturate by 10%, it is `206.4730, 0.0460, -0.8340`.

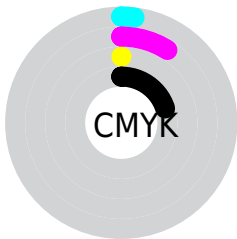
# Distribution



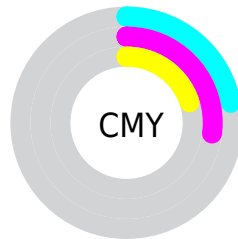
- Red (78%)
- Green (73%)
- Blue (80%)



- Red (78%)
- Yellow (73%)
- Blue (80%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (27%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 192.9390, 1.9700, 8.3540 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 192.9390, 1.9700, 8.3540 by changing the saturation by 10% instead.



■ 192.9390, 1.9700,  
8.3540

■ 192.9390, 1.9700,  
8.3540

255.0000, -0.0000,  
-0.0000

■ 165.9390, 1.9700,  
8.3540

■ 247.9560, 3.3000,  
6.2760

■ 139.5260, 1.6950,  
7.8310

■ 114.1130, 1.4200,  
7.3080

■ 89.4120, 2.0160,  
7.5200

■ 65.9990, 1.7410,  
6.9970

■ 43.5860, 1.4660,  
6.4740

■ 23.1730, 1.1910,

5.9510

■ 0.7980, -2.2470,  
2.1770

■ 0.0000, 0.0000,  
0.0000

■ 192.9390, 1.9700,  
8.3540

■ 192.9390, 1.9700,  
8.3540

■ 178.8180, 4.1690,  
18.0650

■ 206.4730, 0.0460,  
-0.8340

■ 165.5830, 6.6890,  
27.4650

■ 220.2950, -2.7490,  
-10.7570

■ 151.4620, 8.8880,  
37.1760

■ 233.8290, -4.6730,  
-19.9450

■ 137.9280, 10.8120,  
46.3640

■ 239.7320, -3.0220,  
-22.3340

124.1060, 13.6070,  
56.2870

241.2270, -0.0420,  
-21.2740

110.5720, 15.5310,  
65.4750

243.0210, 3.5340,  
-20.0020

96.4510, 17.7300,  
75.1860

244.8150, 7.1100,  
-18.7300

83.2160, 20.2500,  
84.5860

246.3100, 10.0900,  
-17.6700

69.0950, 22.4490,  
94.2970

248.1040, 13.6660,  
-16.3980

# Harmonies

## Analogous

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



191.6820, -7.6120, 5.7960



192.9390, 1.9700, 8.3540



193.4300, 10.7730, 8.5090

# Triad

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



192.9390, 1.9700, 8.3540



191.5470, 14.3970, -2.1070



188.0300, -17.8800, -6.3600

# Complementary

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



192.9390, 1.9700, 8.3540



199.0610, -1.9700, -8.3540

# 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.



188.2710, -11.3690, -8.7210



192.9390, 1.9700, 8.3540



190.0190, 7.0160, -6.0080

# Square

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



192.9390, 1.9700, 8.3540



192.4490, 17.7890, 2.5010



189.0610, -1.9700, -8.3540



188.6540, -19.5770, -3.1370



# Rectangle

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



192.9390, 1.9700, 8.3540



193.5290, 14.8080, 6.9680



189.0610, -1.9700, -8.3540



187.8730, -16.0000, -7.3920

# Sweetspot

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



192.9390, 1.9700, 8.3540



249.7060, 1.0080, 3.7600



191.9870, -7.1530, 2.9830



123.8800, 0.4580, 2.7140



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.



192.9390, 1.9700, 8.3540



236.1720, 2.9320, 12.9480



193.9780, 6.2340, 8.1700



95.2330, 0.9620, 4.5940



54.8040, 18.2340, 77.0660



12.7040, 4.4900, 17.7540



# Inverse Universe

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



192.9520, 9.1230, 5.3710



236.2840, 14.1200, 8.4240



198.0220, -6.2340, -8.1700



95.3320, 4.9970, 3.0530



54.8780, 84.1700, 49.4980

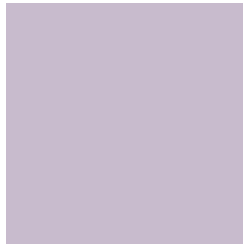


12.6160, 19.1170, 11.4770



# Previews

## White Background



This preview shows how the YIQ color 192.9390, 1.9700, 8.3540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

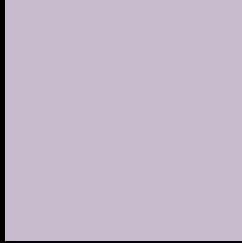
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 192.9390, 1.9700, 8.3540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

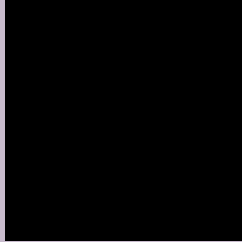
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 192.9390, 1.9700, 8.3540

## Background



This preview shows how black text looks on a background with the YIQ color 192.9390, 1.9700, 8.3540.



This preview shows how white text looks on a background with the YIQ color 192.9390, 1.9700,



# 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

192.9390, 1.9700, 8.3540

### Protanopia

191.9380, -5.4570, 5.2870

### Deuteranopia

193.2490, 4.0330, 9.5130



## Tritanopia

192.5970, 2.9330, 7.4210

# Trichromacy



## Original Color

192.9390, 1.9700, 8.3540

## Protanomaly

192.4330, -2.4770, 6.3470

## Deuteranomaly

192.9500, 3.4370, 9.3010

## Tritanomaly

192.7110, 2.6120, 7.7320

# Monochromacy



## Original Color

192.9390, 1.9700, 8.3540

## Achromatopsia

193.0000, -0.0000, -0.0000

## Achromatomaly

193.1790, 1.0540, 2.9260

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 192.9390, 1.9700, 8.3540 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(200, 187, 205)` looks like.

```
.text, #text, p{  
    color:rgb(200, 187, 205)  
}
```

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(200, 187, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 187, 205) }
```

## Border

The CSS property to change the border of an element to YIQ 192.9390, 1.9700, 8.3540 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(200, 187, 205) }
```



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

```
.border{ border-color:rgb(200, 187, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 187, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 187, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 187, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 187,  
205) }
```

# Background

The CSS property to change the background color of an element to YIQ 192.9390, 1.9700, 8.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 187, 205) }
```

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

```
.background{ background-color: rgb(200,  
187, 205) }
```

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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