

# Converting Colors

YIQ(184.3900, 8.2500, 15.6900)

Have a look what the booklet for  
YIQ(184.3900, 8.2500, 15.6900)  
contains.

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# Color

**YIQ(184.3900, 8.2500,  
15.6900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAACCA
RGB	202, 172, 202
RGB Percent	79%, 67%, 79%
CMY	0.2077, 0.3255, 0.2078
CMYK	0.00, 0.15, 0.00, 0.21
HSL	300°, 22%, 73%
HSV	300°, 15%, 79%
XYZ	49.7744, 46.3244, 62.1967
YIQ	184.3900, 8.2500, 15.6900

# Conversions

## Conversions Part 2

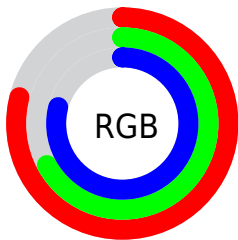
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 172, 202
Decimal	13282506
CIE Lab	73.76, 16.14, -11.19
CIE LCh	74, 19.644, 325.258
Yxy	46.3244, 0.3144, 0.2926
Android (android.graphics.Color)	4291472586 (0xFFCAACCA)
YUV	184.3900, 8.6817, 15.4440
Hunter-Lab	68.0620, 11.4302, -6.5372

# Details

The YIQ color  $184.3900, 8.2500, 15.6900$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $189.6100, -8.2500, -15.6900$ , and the grayscale version is  $184.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $238.5640, 7.7000, 14.6440$ , and  $131.5640, 7.7000, 14.6440$  is the 20% darker color. If you saturate the color by 10%, you get  $172.6500, 13.7500, 26.1500$ , and if you desaturate by 10%, it is  $196.1300, 2.7500, 5.2300$ .

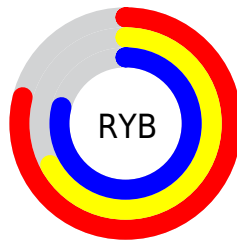
# Distribution



Red (79%)

Green (67%)

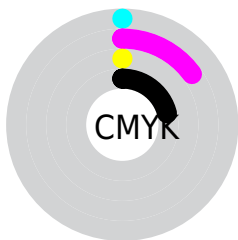
Blue (79%)



Red (79%)

Yellow (67%)

Blue (79%)

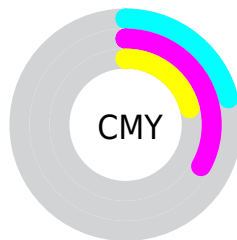


Cyan (0%)

Magenta (15%)

Yellow (0%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 184.3900, 8.2500, 15.6900 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 184.3900, 8.2500, 15.6900 by changing the saturation by 10% instead.



 184.3900, 8.2500,  
15.6900


 184.3900, 8.2500,  
15.6900

255.0000, -0.0000,  
-0.0000


 157.3900, 8.2500,  
15.6900


 238.5640, 7.7000,  
14.6440

 131.5640, 7.7000,  
14.6440

 106.1510, 7.4250,  
14.1210

 81.7380, 7.1500,  
13.5980

 58.3250, 6.8750,  
13.0750

 36.6130, 6.0040,  
12.3400

 13.5640, 7.7000,

14.6440

■ 0.1140, -0.3210,  
0.3110

■ 0.0000, 0.0000,  
0.0000

■ 184.3900, 8.2500,  
15.6900

■ 184.3900, 8.2500,  
15.6900

■ 172.6500, 13.7500,  
26.1500

■ 196.1300, 2.7500,  
5.2300

■ 160.9100, 19.2500,  
36.6100

■ 207.8700, -2.7500,  
-5.2300

■ 148.5830, 25.0250,  
47.5930

■ 220.1970, -8.5250,  
-16.2130

■ 136.8430, 30.5250,  
58.0530

■ 231.9370,  
-14.0250, -26.6730

■ 125.1030, 36.0250,  
68.5130

■ 233.1110,  
-14.5750, -27.7190

■ 113.3630, 41.5250,  
78.9730

■ 101.6230, 47.0250,  
89.4330

■ 89.2960, 52.8000,  
100.4160

■ 83.4260, 55.5500,  
105.6460

# Harmonies

## Analogous

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



183.0010, -9.7680, 11.8320



184.3900, 8.2500, 15.6900



184.5780, 22.2800, 14.7280

# Triad

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



184.3900, 8.2500, 15.6900



180.9190, 21.9170, -6.2350



173.9290, -36.7690, -10.9530

# Complementary

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



184.3900, 8.2500, 15.6900



189.6100, -8.2500, -15.6900

# 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.



175.1550, -25.9020, -15.1660



184.3900, 8.2500, 15.6900



178.9880, 8.3010, -12.7790

# Square

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



184.3900, 8.2500, 15.6900



182.2670, 29.9850, 1.7370



176.4250, -9.1670, -15.5910



176.1450, -37.1370, -4.2810



# Rectangle

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



184.3900, 8.2500, 15.6900



184.4060, 28.5160, 11.8440



176.4250, -9.1670, -15.5910



174.4300, -33.9260, -12.9180

# Sweetspot

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



184.3900, 8.2500, 15.6900



249.1300, 2.7500, 5.2300



175.4200, -9.6300, 9.3300



123.7770, 2.2460, 3.3500



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.



184.3900, 8.2500, 15.6900



227.9980, 12.6500, 24.0580



182.6800, 13.0650, 11.0250



96.1300, 2.7500, 5.2300



68.5580, 45.6500, 86.8180



15.6940, 10.4500, 19.8740



# Inverse Universe

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



184.3900, 8.2500, 15.6900



227.9980, 12.6500, 24.0580



191.3200, -13.0650, -11.0250



96.1300, 2.7500, 5.2300



68.5580, 45.6500, 86.8180

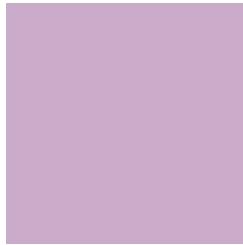


15.6940, 10.4500, 19.8740



# Previews

## White Background



This preview shows how the YIQ color 184.3900, 8.2500, 15.6900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

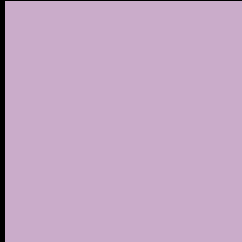
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 184.3900, 8.2500, 15.6900 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 184.3900, 8.2500, 15.6900

## Background



This preview shows how black text looks on a background with the YIQ color 184.3900, 8.2500, 15.6900.



This preview shows how white text looks on a background with the YIQ color 184.3900, 8.2500,



# 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

184.3900, 8.2500, 15.6900

### Protanopia

182.1810, -10.4550, 7.7610

### Deuteranopia

183.0360, 0.3190, 10.7430



## Tritanopia

183.3700, 11.0020, 9.8660

# Trichromacy



## Original Color

184.3900, 8.2500, 15.6900

## Protanomaly

182.8830, -3.6240, 10.6160

## Deuteranomaly

183.6450, 2.9780, 12.1140

## Tritanomaly

183.6520, 10.2680, 12.1560

# Monochromacy



## Original Color

184.3900, 8.2500, 15.6900

## Achromatopsia

184.0000, 0.0000, -0.0000

## Achromatomaly

184.5430, 3.0250, 5.7530

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 184.3900, 8.2500, 15.6900 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(202, 172, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 172, 202)  
}
```

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(202, 172, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 172, 202) }
```

## Border

The CSS property to change the border of an element to YIQ 184.3900, 8.2500, 15.6900 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(202, 172, 202) }
```



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

```
.border{ border-color:rgb(202, 172, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 172, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 172, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 172, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 172,  
202) }
```

# Background

The CSS property to change the background color of an element to YIQ 184.3900, 8.2500, 15.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 172, 202) }
```

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

```
.background{ background-color: rgb(202,  
172, 202) }
```

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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