

# Converting Colors

YIQ(150.4510, 41.8110, 18.6990)

Have a look what the booklet for  
YIQ(150.4510, 41.8110, 18.6990)  
contains.

|                                                |    |
|------------------------------------------------|----|
| <b>YIQ(150.4510, 41.8110, 18.6990)</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(150.4510, 41.8110,  
18.6990)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | CA7F88                     |
| RGB           | 202, 127, 136              |
| RGB Percent   | 79%, 50%, 53%              |
| CMY           | 0.2077, 0.5021, 0.4665     |
| CMYK          | 0.00, 0.37, 0.33, 0.21     |
| HSL           | 353°, 41%, 65%             |
| HSV           | 353°, 37%, 79%             |
| XYZ           | 36.4019, 29.5124, 27.0855  |
| YIQ           | 150.4510, 41.8110, 18.6990 |

# Conversions

## Conversions Part 2

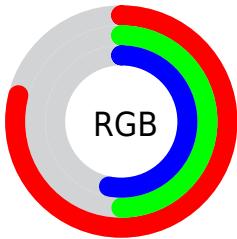
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 202, 127, 136                 |
| Decimal                             | 13270920                      |
| CIE <sub>Lab</sub>                  | 61.23, 30.21, 7.37            |
| CIE <sub>LCh</sub>                  | 61, 31.099, 13.717            |
| Yxy                                 | 29.5124, 0.3914,<br>0.3173    |
| Android<br>(android.graphics.Color) | 4291461000<br>(0xFFCA7F88)    |
| YUV                                 | 150.4510, -7.1243,<br>45.2085 |
| Hunter-Lab                          | 54.3254, 24.5386,<br>8.4669   |

# Details

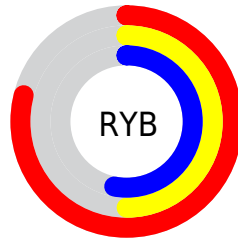
The YIQ color **150.4510, 41.8110, 18.6990** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **178.5490, -41.8110, -18.6990**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.0380, 41.5360, 18.1760**, and **98.0700, 38.5100, 17.9500** is the 20% darker color. If you saturate the color by 10%, you get **136.6590, 53.0890, 23.5610**, and if you desaturate by 10%, it is **164.2430, 30.5330, 13.8370**.

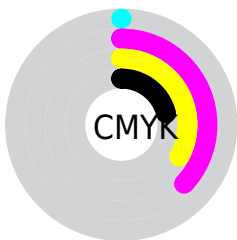
# Distribution



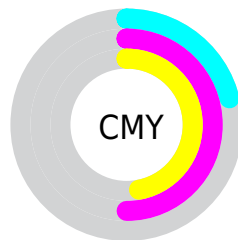
- Red (79%)
- Green (50%)
- Blue (53%)



- Red (79%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (33%)
- Black (21%)




- Cyan (21%)
- Magenta (50%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 150.4510, 41.8110, 18.6990 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 150.4510, 41.8110, 18.6990 by changing the saturation by 10% instead.





 150.4510, 41.8110,  
18.6990


 150.4510, 41.8110,  
18.6990


255.0000, -0.0000,  
-0.0000

 123.9670, 40.2980,  
18.5860


 204.0380, 41.5360,  
18.1760


 98.0700, 38.5100,  
17.9500


 223.0790, 25.1230,  
12.7630

 73.2870, 36.4010,  
17.6250

 243.2940, 8.1600,  
6.3040

 49.2050, 33.6960,  
17.0880

 23.8890, 31.7700,  
18.9540

 13.5690, 26.4990,  
9.8510

 0.0000, 0.0000,

0.0000

■ 150.4510, 41.8110,  
18.6990

■ 150.4510, 41.8110,  
18.6990

■ 136.6590, 53.0890,  
23.5610

■ 164.2430, 30.5330,  
13.8370

■ 122.9810, 64.0460,  
28.7340

■ 178.0350, 19.2550,  
8.9750

■ 108.6020, 75.5990,  
34.1190

■ 192.3000, 8.0230,  
3.2790

■ 94.8100, 86.8770,  
38.9810

■ 206.0920, -3.2550,  
-1.5830

■ 81.0180, 98.1550,  
43.8430

■ 219.8840,  
-14.5330, -6.4450

■ 67.2260, 109.4330,  
48.7050

■ 233.6760,  
-25.8110, -11.3070

■ 63.1340, 112.6880,  
50.2880

■ 239.1530,  
-31.5880, -11.2360

# Harmonies

## Analogous

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



151.8270, 26.3130, 24.2410



150.4510, 41.8110, 18.6990



149.0410, 45.4810, 7.2490

# Triad

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



150.4510, 41.8110, 18.6990



141.1340, -4.2140, -22.7580



139.2000, -56.1650, -0.8450

# Complementary

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



150.4510, 41.8110, 18.6990



178.5490, -41.8110, -18.6990

# 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.



130.5470, -73.8600, -16.0680



150.4510, 41.8110, 18.6990



136.9380, -32.9610, -24.9050

# Square

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



150.4510, 41.8110, 18.6990



144.8120, 20.3600, -16.5680



130.9640, -62.2130, -23.4050



147.1870, -27.7870, 13.5010



# Rectangle

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



150.4510, 41.8110, 18.6990



147.9060, 41.1270, -1.9530



130.9640, -62.2130, -23.4050



135.7320, -63.7750, -6.1030

# Sweetspot

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



150.4510, 41.8110, 18.6990



235.7140, 15.7250, 6.8690



154.9850, 14.6650, 37.1050



116.3110, 9.4900, 4.2260



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.



150.4510, 41.8110, 18.6990



175.9810, 64.0460, 28.7340



165.8610, 37.0000, 1.2560



95.1040, 5.6390, 2.4310



51.9140, 92.5160, 41.4120



11.9320, 21.0430, 9.6110



# Inverse Universe

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



150.4510, 41.8110, 18.6990



175.9810, 64.0460, 28.7340



163.7260, -37.2750, -1.7790



95.1040, 5.6390, 2.4310



51.9140, 92.5160, 41.4120



11.9320, 21.0430, 9.6110



# Previews

## White Background



This preview shows how the YIQ color 150.4510, 41.8110, 18.6990 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

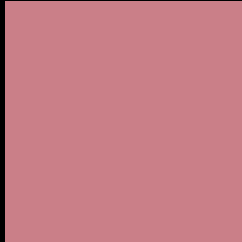
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YIQ color 150.4510, 41.8110, 18.6990 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

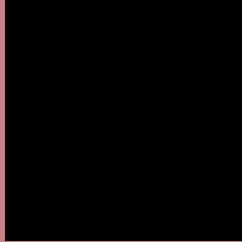
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 150.4510, 41.8110, 18.6990

## Background



This preview shows how black text looks on a background with the YIQ color 150.4510, 41.8110, 18.6990.



This preview shows how white text looks on a background with the YIQ color 150.4510, 41.8110,



# 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

150.4510, 41.8110, 18.6990

### Protanopia

148.7830, 2.1090, 0.3250

### Deuteranopia

149.3350, 18.1100, 2.1900



## Tritanopia

150.4510, 41.8110, 18.6990

# Trichromacy



## Original Color

150.4510, 41.8110, 18.6990

## Protanomaly

149.3120, 16.9170, 7.2930

## Deuteranomaly

149.5150, 26.5910, 8.1830

## Tritanomaly

150.4510, 41.8110, 18.6990

# Monochromacy



## Original Color

150.4510, 41.8110, 18.6990

## Achromatopsia

150.0000, -0.0000, -0.0000

## Achromatomaly

150.4150, 15.1290, 6.6570

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 150.4510, 41.8110, 18.6990 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, 127, 136)` looks like.

```
.text, #text, p{  
    color:rgb(202, 127, 136)  
}
```

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, 127, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 127, 136) }
```

## Border

The CSS property to change the border of an element to YIQ 150.4510, 41.8110, 18.6990 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, 127, 136) }
```



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

```
.border{ border-color:rgb(202, 127, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 127, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 127, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 127, 136);  
box-shadow:4px 4px 4px 4px rgb(202, 127,  
136) }
```

# Background

The CSS property to change the background color of an element to YIQ 150.4510, 41.8110, 18.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 127, 136) }
```

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

```
.background{ background-color: rgb(202,  
127, 136) }
```

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