

# Converting Colors

YIQ(151.9450, 37.3640, 16.6920)

Have a look what the booklet for  
YIQ(151.9450, 37.3640, 16.6920)  
contains.

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# Color

**YIQ(151.9450, 37.3640,  
16.6920)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6838B
RGB	198, 131, 139
RGB Percent	78%, 51%, 55%
CMY	0.2234, 0.4864, 0.4548
CMYK	0.00, 0.34, 0.30, 0.22
HSL	353°, 37%, 65%
HSV	353°, 34%, 78%
XYZ	36.0751, 30.1016, 28.3488
YIQ	151.9450, 37.3640, 16.6920

# Conversions

## Conversions Part 2

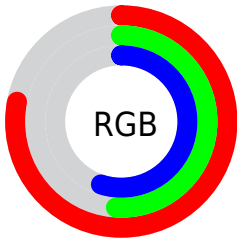
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 131, 139
Decimal	13009803
CIE Lab	61.74, 26.92, 6.33
CIE LCh	62, 27.655, 13.229
Yxy	30.1016, 0.3816, 0.3184
Android (android.graphics.Color)	4291199883 (0xFFC6838B)
YUV	151.9450, -6.3819, 40.3902
Hunter-Lab	54.8650, 21.3546, 7.7702

# Details

The YIQ color **151.9450, 37.3640, 16.6920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177.0550, -37.3640, -16.6920**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.7280, 39.4730, 17.0170**, and **100.1510, 33.7880, 15.4200** is the 20% darker color. If you saturate the color by 10%, you get **138.2670, 48.3210, 21.8650**, and if you desaturate by 10%, it is **165.6230, 26.4070, 11.5190**.

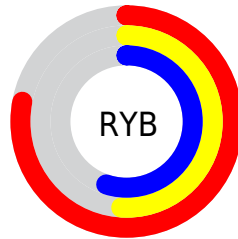
# Distribution



Red (78%)

Green (51%)

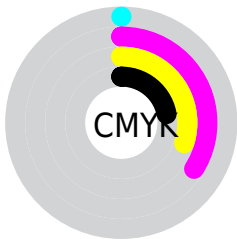
Blue (55%)



Red (78%)

Yellow (51%)

Blue (55%)

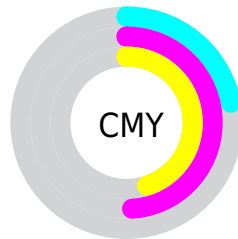


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (49%)


Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 151.9450, 37.3640, 16.6920 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 151.9450, 37.3640, 16.6920 by changing the saturation by 10% instead.





 151.9450, 37.3640,  
16.6920


 151.9450, 37.3640,  
16.6920


255.0000, -0.0000,  
-0.0000


 125.4610, 35.8510,  
16.5790


 206.7280, 39.4730,  
17.0170


 100.1510, 33.7880,  
15.4200


 225.7690, 23.0600,  
11.6040

 75.6670, 32.2750,  
15.3070

 246.0980, 5.7760,  
5.4560

 51.2970, 30.4410,  
15.5050

 27.6280, 28.0110,  
15.4910

 12.8570, 25.6280,  
9.1160

 0.0000, 0.0000,

0.0000

■ 151.9450, 37.3640,  
16.6920

■ 151.9450, 37.3640,  
16.6920

■ 138.2670, 48.3210,  
21.8650

■ 165.6230, 26.4070,  
11.5190

■ 124.4750, 59.5990,  
26.7270

■ 179.4150, 15.1290,  
6.6570

■ 111.3840, 70.2810,  
31.3770

■ 192.5060, 4.4470,  
2.0070

■ 97.5920, 81.5590,  
36.2390

■ 206.2980, -6.8310,  
-2.8550

■ 83.9140, 92.5160,  
41.4120

■ 219.9760,  
-17.7880, -8.0280

■ 70.1220, 103.7940,  
46.2740

■ 233.7680,  
-29.0660, -12.8900

■ 61.9380, 110.3040,  
49.4400

■ 237.9570,  
-33.9720, -12.0840

# Harmonies

## Analogous

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



152.6910, 23.7000, 22.0360



151.9450, 37.3640, 16.6920



150.5890, 40.9420, 6.9100

# Triad

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



151.9450, 37.3640, 16.6920



143.9000, -3.4350, -20.3550



142.8050, -47.6830, -0.3790

# Complementary

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



151.9450, 37.3640, 16.6920



177.0550, -37.3640, -16.6920

# 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.



136.7830, -59.7850, -12.3370



151.9450, 37.3640, 16.6920



139.9710, -28.5600, -22.0640

# Square

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



151.9450, 37.3640, 16.6920



146.4960, 18.4340, -14.7020



136.2320, -51.1640, -19.9000



149.1010, -24.6690, 12.0590



# Rectangle

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



151.9450, 37.3640, 16.6920



149.5790, 37.7340, -1.0340



136.2320, -51.1640, -19.9000



140.3480, -53.8260, -4.6900

# Sweetspot

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



151.9450, 37.3640, 16.6920



237.8170, 13.9370, 6.2330



155.9800, 13.0610, 33.1330



117.0120, 8.8940, 4.0140



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.



151.9450, 37.3640, 16.6920



182.8770, 58.4070, 26.3030



165.7080, 33.0570, 1.1290



92.8050, 5.0430, 2.2190



51.0170, 90.7280, 40.7760



11.2200, 20.1720, 8.8760



# Inverse Universe

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



151.9450, 37.3640, 16.6920



182.8770, 58.4070, 26.3030



163.2920, -33.0570, -1.1290



92.8050, 5.0430, 2.2190



51.0170, 90.7280, 40.7760



11.2200, 20.1720, 8.8760



# Previews

## White Background



This preview shows how the YIQ color 151.9450, 37.3640, 16.6920 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

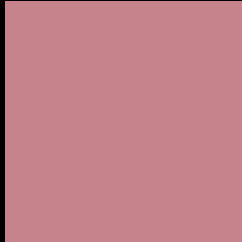
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 151.9450, 37.3640, 16.6920 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

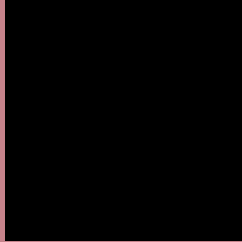
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 151.9450, 37.3640, 16.6920

## Background



This preview shows how black text looks on a background with the YIQ color 151.9450, 37.3640, 16.6920.



This preview shows how white text looks on a background with the YIQ color 151.9450, 37.3640,



# 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

151.9450, 37.3640, 16.6920

### Protanopia

149.8970, 1.7880, 0.6360

### Deuteranopia

150.6770, 17.1470, 3.1230



## Tritanopia

152.1730, 36.7220, 17.3140

# Trichromacy



## Original Color

151.9450, 37.3640, 16.6920

## Protanomaly

150.4150, 15.1290, 6.6570

## Deuteranomaly

151.1450, 24.7570, 8.3810

## Tritanomaly

152.0590, 37.0430, 17.0030

# Monochromacy



## Original Color

151.9450, 37.3640, 16.6920

## Achromatopsia

152.0000, -0.0000, -0.0000

## Achromatomaly

151.8170, 13.9370, 6.2330

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 151.9450, 37.3640, 16.6920 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(198, 131, 139)` looks like.

```
.text, #text, p{  
    color:rgb(198, 131, 139)  
}
```

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(198, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 131, 139) }
```

## Border

The CSS property to change the border of an element to YIQ 151.9450, 37.3640, 16.6920 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(198, 131, 139) }
```



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

```
.border{ border-color:rgb(198, 131, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(198, 131,  
139) }
```

# Background

The CSS property to change the background color of an element to YIQ 151.9450, 37.3640, 16.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 131, 139) }
```

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

```
.background{ background-color: rgb(198,  
131, 139) }
```

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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