

# Converting Colors

YIQ(151.8840, 22.1390, 33.8110)

Have a look what the booklet for  
YIQ(151.8840, 22.1390, 33.8110)  
contains.

<b>YIQ(151.8840, 22.1390, 33.8110)</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(151.8840, 22.1390,  
33.8110)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C27CB9
RGB	194, 124, 185
RGB Percent	76%, 49%, 73%
CMY	0.2390, 0.5138, 0.2745
CMYK	0.00, 0.36, 0.05, 0.24
HSL	308°, 37%, 62%
HSV	308°, 36%, 76%
XYZ	38.2236, 29.3874, 49.5624
YIQ	151.8840, 22.1390, 33.8110

# Conversions

## Conversions Part 2

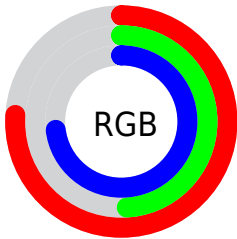
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 124, 185
Decimal	12745913
CIELab	61.12, 36.64, -20.88
CIELCh	61, 42.172, 330.323
Yxy	29.3874, 0.3262, 0.2508
Android (android.graphics.Color)	4290935993 (0xFFC27CB9)
YUV	151.8840, 16.3262, 36.9357
Hunter-Lab	54.2102, 30.9924, -16.2596

# Details

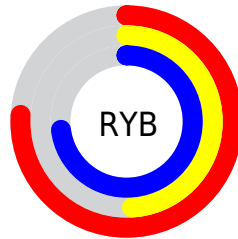
The YIQ color **151.8840, 22.1390, 33.8110** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166.1160, -22.1390, -33.8110**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.3080, 23.8810, 35.2810**, and **99.4600, 20.3970, 32.3410** is the 20% darker color. If you saturate the color by 10%, you get **140.5030, 28.0060, 43.1260**, and if you desaturate by 10%, it is **163.3790, 15.9510, 24.8070**.

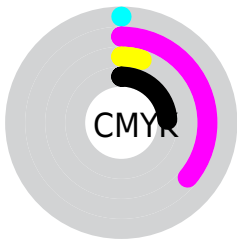
# Distribution



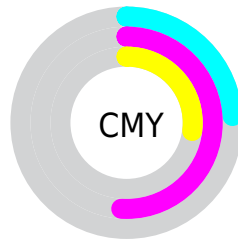
- Red (76%)
- Green (49%)
- Blue (73%)



- Red (76%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (36%)
- Yellow (5%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 151.8840, 22.1390, 33.8110 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 151.8840, 22.1390, 33.8110 by changing the saturation by 10% instead.



■ 151.8840, 22.1390,  
33.8110

■ 151.8840, 22.1390,  
33.8110

■ 255.0000, -0.0000,  
-0.0000

■ 125.1720, 21.2680,  
33.0760

■ 207.3080, 23.8810,  
35.2810

■ 99.4600, 20.3970,  
32.3410

■ 226.2370, 13.4750,  
25.6270

■ 74.6340, 19.8470,  
31.2950

■ 242.6730, 5.7750,  
10.9830

■ 49.4490, 18.9300,  
31.3940

■ 25.2640, 18.0130,  
31.4930

■ 16.4770, 12.5590,  
20.1990

■ 2.0690, -4.4480,

3.5200

■ 0.0000, 0.0000,  
0.0000

■ 151.8840, 22.1390,  
33.8110

■ 151.8840, 22.1390,  
33.8110

■ 140.5030, 28.0060,  
43.1260

■ 163.3790, 15.9510,  
24.8070

■ 128.4210, 34.4690,  
52.6530

■ 175.3470, 9.8090,  
14.9690

■ 116.9260, 40.6570,  
61.6570

■ 186.8420, 3.6210,  
5.9650

■ 104.9580, 46.7990,  
71.4950

■ 198.8100, -2.5210,  
-3.8730

■ 93.4630, 52.9870,  
80.4990

■ 210.3050, -8.7090,  
-12.8770

82.0820, 58.8540,  
89.8140

221.6860,  
-14.5760, -22.1920

77.2720, 61.3750,  
93.6870

230.8330,  
-19.6640, -29.1040

231.0610,  
-20.3060, -28.4820

231.4030,  
-21.2690, -27.5490

# Harmonies

## Analogous

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



150.3230, -16.0060, 25.7700



151.8840, 22.1390, 33.8110



150.2490, 48.7320, 30.9400

# Triad

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



151.8840, 22.1390, 33.8110



144.6260, 38.3790, -18.2370



118.4180, -104.7140, -29.5940

# Complementary

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



151.8840, 22.1390, 33.8110



166.1160, -22.1390, -33.8110

# 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.



114.7870, -93.1120, -41.6240



151.8840, 22.1390, 33.8110



140.2740, 9.7710, -28.4130

# Square

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



151.8840, 22.1390, 33.8110



146.4470, 55.6610, -1.0350



133.5220, -29.1540, -33.3300



118.5610, -112.0060, -18.5820



# Rectangle

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



151.8840, 22.1390, 33.8110



148.5840, 57.6740, 23.0660



133.5220, -29.1540, -33.3300



117.6370, -101.1370, -33.8490

# Sweetspot

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



151.8840, 22.1390, 33.8110



235.8090, 8.3880, 13.1880



134.3720, -17.7020, 23.4660



117.6790, 5.6380, 7.9580



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.



151.8840, 22.1390, 33.8110



187.0080, 34.1940, 52.1300



148.0080, 33.0530, 23.2370



91.0160, 3.0710, 4.9190



64.0990, 51.0160, 77.6720



13.1730, 10.3590, 16.0150



# Inverse Universe

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



151.8840, 22.1390, 33.8110



187.0080, 34.1940, 52.1300



169.9920, -33.0530, -23.2370



91.0160, 3.0710, 4.9190



64.0990, 51.0160, 77.6720

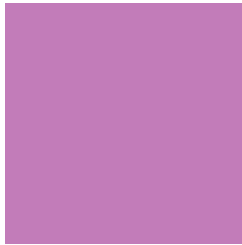


13.1730, 10.3590, 16.0150



# Previews

## White Background



This preview shows how the YIQ color 151.8840, 22.1390, 33.8110 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

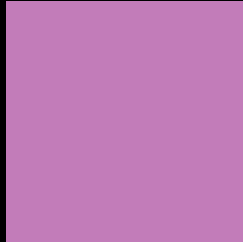
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 151.8840, 22.1390, 33.8110 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

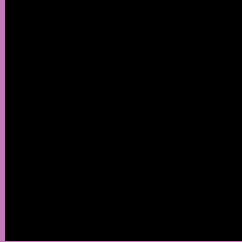
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 151.8840, 22.1390, 33.8110

## Background



This preview shows how black text looks on a background with the YIQ color 151.8840, 22.1390, 33.8110.



This preview shows how white text looks on a background with the YIQ color 151.8840, 22.1390,



# 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

151.8840, 22.1390, 33.8110

### Protanopia

148.0840, -25.9990, 14.1370

### Deuteranopia

149.1040, -11.5560, 11.1960



## Tritanopia

150.2970, 30.4410, 15.5050

# Trichromacy



## Original Color

151.8840, 22.1390, 33.8110

## Protanomaly

149.5810, -8.1650, 21.3310

## Deuteranomaly

149.9040, 1.0510, 19.5070

## Tritanomaly

150.8440, 27.6430, 22.1630

# Monochromacy



## Original Color

151.8840, 22.1390, 33.8110

## Achromatopsia

152.0000, -0.0000, -0.0000

## Achromatomaly

151.9830, 7.8380, 12.1420

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 151.8840, 22.1390, 33.8110 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(194, 124, 185)` looks like.

```
.text, #text, p{  
    color:rgb(194, 124, 185)  
}
```

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(194, 124, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 124, 185) }
```

## Border

The CSS property to change the border of an element to YIQ 151.8840, 22.1390, 33.8110 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(194, 124, 185) }
```



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

```
.border{ border-color:rgb(194, 124, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 124, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 124, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 124, 185);  
box-shadow:4px 4px 4px 4px rgb(194, 124,  
185) }
```

# Background

The CSS property to change the background color of an element to YIQ 151.8840, 22.1390, 33.8110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 124, 185) }
```

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

```
.background{ background-color: rgb(194,  
124, 185) }
```

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