

# Converting Colors

YIQ(151.3800, 49.7410, 29.1730)

Have a look what the booklet for  
YIQ(151.3800, 49.7410, 29.1730)  
contains.

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# Color

**YIQ(151.3800, 49.7410,  
29.1730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D97792
RGB	217, 119, 146
RGB Percent	85%, 47%, 57%
CMY	0.1488, 0.5335, 0.4273
CMYK	0.00, 0.45, 0.33, 0.15
HSL	343°, 56%, 66%
HSV	343°, 45%, 85%
XYZ	40.4180, 30.0221, 30.8771
YIQ	151.3800, 49.7410, 29.1730

# Conversions

## Conversions Part 2

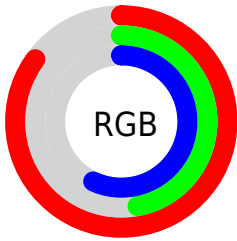
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 119, 146
Decimal	14251922
CIE Lab	61.67, 41.20, 2.52
CIE LCh	62, 41.274, 3.502
Yxy	30.0221, 0.3989, 0.2963
Android (android.graphics.Color)	4292442002 (0xFFD97792)
YUV	151.3800, -2.6523, 57.5487
Hunter-Lab	54.7924, 35.7850, 4.9431

# Details

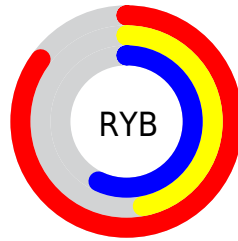
The YIQ color **151.3800, 49.7410, 29.1730** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **184.6200, -49.7410, -29.1730**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5960, 40.2050, 25.7810**, and **97.8140, 45.5230, 28.5230** is the 20% darker color. If you saturate the color by 10%, you get **136.6420, 60.9270, 35.7030**, and if you desaturate by 10%, it is **166.1180, 38.5550, 22.6430**.

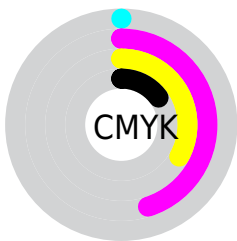
# Distribution



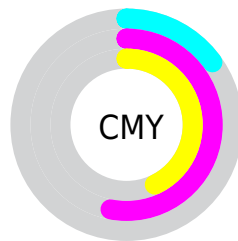
- Red (85%)
- Green (47%)
- Blue (57%)



- Red (85%)
- Yellow (47%)
- Blue (57%)



- Cyan (0%)
- Magenta (45%)
- Yellow (33%)
- Black (15%)




- Cyan (15%)
- Magenta (53%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3800, 49.7410, 29.1730 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 151.3800, 49.7410, 29.1730 by changing the saturation by 10% instead.





 151.3800, 49.7410,  
29.1730


 151.3800, 49.7410,  
29.1730


255.0000, -0.0000,  
-0.0000

 124.4830, 47.9530,  
28.5370


 200.5960, 40.2050,  
25.7810


 97.8140, 45.5230,  
28.5230


 220.2240, 23.5170,  
19.8450

 71.7430, 44.2850,  
28.9330

 240.3250, 6.8750,  
13.0750

 43.2530, 42.9090,  
31.8450

 26.3290, 36.5830,  
25.3430

 16.3740, 31.5420,  
12.0700

 3.8870, 7.7480,

2.7560

■ 0.0000, 0.0000,  
0.0000

■ 151.3800, 49.7410,  
29.1730

■ 151.3800, 49.7410,  
29.1730

■ 136.6420, 60.9270,  
35.7030

■ 166.1180, 38.5550,  
22.6430

■ 122.6050, 71.5170,  
42.0210

■ 180.1550, 27.9650,  
16.3250

■ 107.8670, 82.7030,  
48.5510

■ 194.8930, 16.7790,  
9.7950

■ 93.1290, 93.8890,  
55.0810

■ 209.6310, 5.5930,  
3.2650

■ 78.3910, 105.0750,  
61.6110

■ 223.7820, -5.3180,  
-2.7420

■ 71.7230, 110.0720,  
64.6640

■ 238.4060,  
-16.1830, -9.5830

■ 243.6380,  
-22.6480, -8.0560

# Harmonies

## Analogous

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



153.3250, 25.2110, 33.2030



151.3800, 49.7410, 29.1730



150.0260, 59.0050, 15.4610

# Triad

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



151.3800, 49.7410, 29.1730



141.7080, 5.5530, -29.0630



118.9030, -112.9690, -17.6490

# Complementary

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



151.3800, 49.7410, 29.1730



184.6200, -49.7410, -29.1730

# 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.



119.4610, -106.2730, -28.8730



151.3800, 49.7410, 29.1730



134.4830, -33.4180, -33.1460

# Square

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



151.3800, 49.7410, 29.1730



145.2450, 35.0780, -18.9860



115.9440, -94.9920, -40.5920



142.9480, -54.9750, 10.6330



# Rectangle

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



151.3800, 49.7410, 29.1730



148.5660, 56.9440, 3.2480



115.9440, -94.9920, -40.5920



119.8660, -111.5470, -21.3950

# Sweetspot

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



151.3800, 49.7410, 29.1730



230.9040, 18.2460, 10.7420



151.1020, 10.2620, 45.3180



113.2620, 11.1860, 6.5300



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.



151.3800, 49.7410, 29.1730



162.5940, 70.0500, 41.0740



160.6290, 52.6330, 9.7930



102.6310, 5.5930, 3.2650



57.1990, 87.7000, 51.6040



15.2360, 23.2430, 13.7950



# Inverse Universe

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



151.3800, 49.7410, 29.1730



162.5940, 70.0500, 41.0740



175.3710, -52.6330, -9.7930



102.6310, 5.5930, 3.2650



57.1990, 87.7000, 51.6040



15.2360, 23.2430, 13.7950



# Previews

## White Background



This preview shows how the YIQ color 151.3800, 49.7410, 29.1730 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

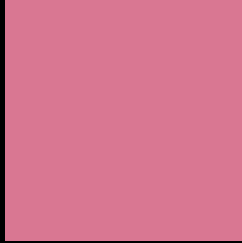
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 151.3800, 49.7410, 29.1730 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

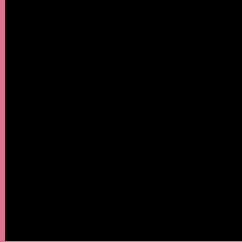
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 151.3800, 49.7410, 29.1730

## Background



This preview shows how black text looks on a background with the YIQ color 151.3800, 49.7410, 29.1730.



This preview shows how white text looks on a background with the YIQ color 151.3800, 49.7410,



# 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

151.3800, 49.7410, 29.1730

### Protanopia

149.7100, -4.8150, 4.6650

### Deuteranopia

150.6490, 14.3500, 4.2540



## Tritanopia

151.1320, 53.1350, 22.7270

# Trichromacy



## Original Color

151.3800, 49.7410, 29.1730

## Protanomaly

150.0440, 15.0360, 13.8520

## Deuteranomaly

150.8620, 27.2320, 13.0880

## Tritanomaly

151.1150, 51.8050, 24.8050

# Monochromacy



## Original Color

151.3800, 49.7410, 29.1730

## Achromatopsia

151.0000, -0.0000, 0.0000

## Achromatomaly

150.9040, 18.2460, 10.7420

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 151.3800, 49.7410, 29.1730 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(217, 119, 146)` looks like.

```
.text, #text, p{  
    color:rgb(217, 119, 146)  
}
```

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(217, 119, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 119, 146) }
```

## Border

The CSS property to change the border of an element to YIQ 151.3800, 49.7410, 29.1730 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(217, 119, 146) }
```



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

```
.border{ border-color:rgb(217, 119, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 119, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 119, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 119, 146);  
box-shadow:4px 4px 4px 4px rgb(217, 119,  
146) }
```

# Background

The CSS property to change the background color of an element to YIQ 151.3800, 49.7410, 29.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 119, 146) }
```

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

```
.background{ background-color: rgb(217,  
119, 146) }
```

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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