

Converting Colors

YIQ(159.4370, 19.2040, 37.4440)

Have a look what the booklet for
YIQ(159.4370, 19.2040, 37.4440)
contains.

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Color

**YIQ(159.4370, 19.2040,
37.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	C982CA
RGB	201, 130, 202
RGB Percent	79%, 51%, 79%
CMY	0.2115, 0.4903, 0.2078
CMYK	0.00, 0.36, 0.00, 0.21
HSL	299°, 40%, 65%
HSV	299°, 36%, 79%
XYZ	42.7420, 32.6470, 59.9291
YIQ	159.4370, 19.2040, 37.4440

Conversions

Conversions Part 2

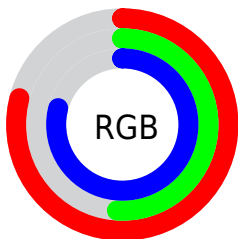
Format	Color
R _Y B	201, 130, 202
Decimal	13206218
CIE Lab	63.87, 38.78, -26.19
CIE LCh	64, 46.798, 325.969
Yxy	32.6470, 0.3159, 0.2413
Android (android.graphics.Color)	4291396298 (0xFFC982CA)
YUV	159.4370, 20.9836, 36.4508
Hunter-Lab	57.1375, 33.5372, -22.1905

Details

The YIQ color **159.4370, 19.2040, 37.4440** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172.5630, -19.2040, -37.4440**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 19.5250, 37.1330**, and **106.8990, 17.7830, 35.6630** is the 20% darker color. If you saturate the color by 10%, you get **147.6970, 24.7040, 47.9040**, and if you desaturate by 10%, it is **171.1770, 13.7040, 26.9840**.

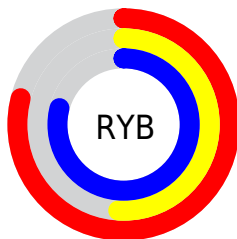
Distribution



Red (79%)

Green (51%)

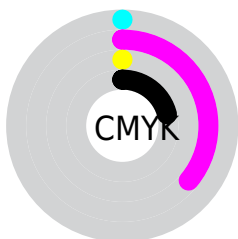
Blue (79%)



Red (79%)

Yellow (51%)

Blue (79%)

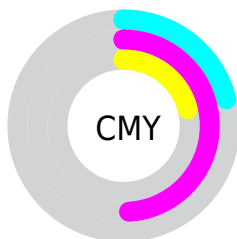


Cyan (0%)

Magenta (36%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (49%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.4370, 19.2040, 37.4440 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 159.4370, 19.2040, 37.4440 by changing the saturation by 10% instead.

 159.4370, 19.2040,
37.4440


 159.4370, 19.2040,
37.4440


255.0000, -0.0000,
-0.0000

 132.6110, 18.6540,
36.3980


 213.3230, 19.5250,
37.1330


 106.8990, 17.7830,
35.6630


 229.7590, 11.8250,
22.4890

 81.1870, 16.9120,
34.9280

 246.7820, 3.8500,
7.3220

 55.8880, 16.3160,
34.7160

 28.6540, 17.0950,
37.1190

 19.1550, 10.7700,
25.0900

 7.3780, -0.6440,

11.6760

■ 0.0000, 0.0000,
0.0000

■ 159.4370, 19.2040,
37.4440

■ 159.4370, 19.2040,
37.4440

■ 147.6970, 24.7040,
47.9040

■ 171.1770, 13.7040,
26.9840

■ 135.9570, 30.2040,
58.3640

■ 183.2160, 8.8000,
16.7360

■ 123.3310, 35.3830,
69.1350

■ 195.5430, 3.0250,
5.7530

■ 111.5910, 40.8830,
79.5950

■ 207.2830, -2.4750,
-4.7070

■ 99.8510, 46.3830,
90.0550

■ 219.0230, -7.9750,
-15.1670

■ 87.8120, 51.2870,
100.3030

■ 231.0620,
-12.8790, -25.4150

■ 82.5290, 53.7620,
105.0100

■ 233.4100,
-13.9790, -27.5070

Harmonies

Analogous

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



156.4730, -25.1760, 26.7600



159.4370, 19.2040, 37.4440



157.3790, 51.4820, 36.1700

Triad

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



159.4370, 19.2040, 37.4440



151.5190, 45.9900, -18.5060



124.3850, -109.1150, -32.4350

Complementary

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



159.4370, 19.2040, 37.4440



172.5630, -19.2040, -37.4440

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.



120.1840, -95.9080, -46.0200



159.4370, 19.2040, 37.4440



147.2160, 15.6860, -30.9860

Square

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



159.4370, 19.2040, 37.4440



153.7470, 63.6840, 2.2440



140.5560, -26.4940, -37.4860



125.7990, -118.6080, -20.0800

Rectangle

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



159.4370, 19.2040, 37.4440



155.6820, 63.4500, 28.5220



140.5560, -26.4940, -37.4860



123.3760, -104.8960, -37.3120

Sweetspot

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



159.4370, 19.2040, 37.4440



238.5640, 7.7000, 14.6440



138.7950, -23.3870, 21.8690



117.7220, 4.0790, 8.6790



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.



159.4370, 19.2040, 37.4440



190.1310, 29.6540, 57.3180



155.7460, 31.0350, 26.7710



96.1300, 2.7500, 5.2300



67.9600, 44.4580, 86.3940



15.6940, 10.4500, 19.8740

Inverse Universe

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



151.6420, 42.5910, 15.5750



178.1180, 64.9180, 23.9420



176.2540, -31.0350, -26.7710



94.9900, 5.9600, 2.1200



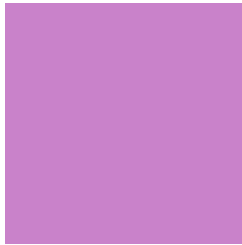
49.8620, 98.2940, 35.8140



11.4760, 22.3270, 8.3670

Previews

White Background



This preview shows how the YIQ color 159.4370, 19.2040, 37.4440 looks on a white background.

Color Contrast Check

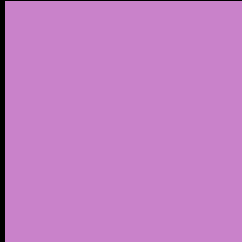
Large Text (above 18pt) WCAG AA × Fail

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 159.4370, 19.2040, 37.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

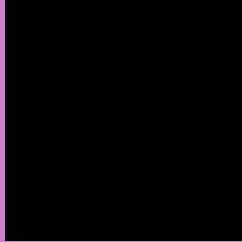
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.4370, 19.2040, 37.4440

Background



This preview shows how black text looks on a background with the YIQ color 159.4370, 19.2040, 37.4440.



This preview shows how white text looks on a background with the YIQ color 159.4370, 19.2040,

37.4440.

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

159.4370, 19.2040, 37.4440

Protanopia

154.8430, -32.5100, 16.4980

Deuteranopia

156.0480, -17.1500, 13.4580



Tritanopia

157.4000, 28.6530, 14.8690

Trichromacy



Original Color

159.4370, 19.2040, 37.4440



Protanomaly

156.6390, -14.0800, 23.9040



Deuteranomaly

157.1470, -3.9470, 21.9810



Tritanomaly

158.1150, 25.4420, 23.5060

Monochromacy



Original Color

159.4370, 19.2040, 37.4440



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.8520, 6.8290, 13.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4370, 19.2040, 37.4440 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(201, 130, 202)` looks like.

```
.text, #text, p{  
    color:rgb(201, 130, 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(201, 130, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 130, 202) }
```

Border

The CSS property to change the border of an element to YIQ 159.4370, 19.2040, 37.4440 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(201, 130, 202) }
```


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

```
.border{ border-color:rgb(201, 130, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 130, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 130, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 130, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 130,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4370, 19.2040, 37.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 130, 202) }
```

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

```
.background{ background-color: rgb(201,  
130, 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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