

# Converting Colors

YIQ(122.4850, 37.5850, 62.2650)

Have a look what the booklet for  
YIQ(122.4850, 37.5850, 62.2650)  
contains.

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# Color

**YIQ(122.4850, 37.5850,  
62.2650)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C548BB
RGB	197, 72, 187
RGB Percent	77%, 28%, 73%
CMY	0.2271, 0.7178, 0.2666
CMYK	0.00, 0.63, 0.05, 0.23
HSL	305°, 52%, 53%
HSV	305°, 63%, 77%
XYZ	34.3359, 20.0995, 49.0922
YIQ	122.4850, 37.5850, 62.2650

# Conversions

## Conversions Part 2

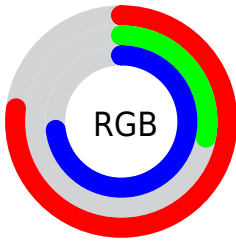
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 72, 187
Decimal	12929211
CIELab	51.95, 63.22, -36.21
CIElCh	52, 72.849, 330.198
Yxy	20.0995, 0.3317, 0.1941
Android (android.graphics.Color)	4291119291 (0xFFC548BB)
YUV	122.4850, 31.8059, 65.3497
Hunter-Lab	44.8325, 58.2511, -33.5407

# Details

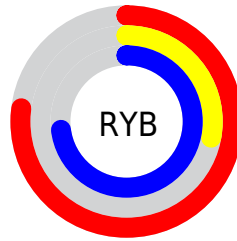
The YIQ color  $122.4850, 37.5850, 62.2650$  is a light color, and the websafe version is hex  $CC66CC$ . The color can be described as light muted rose. A complement of this color would be  $146.5150, -37.5850, -62.2650$ , and the grayscale version is  $122.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $179.1970, 38.4560, 63.0000$ , and  $57.0220, 40.7470, 71.0430$  is the 20% darker color. If you saturate the color by 10%, you get  $110.5170, 43.7270, 72.1030$ , and if you desaturate by 10%, it is  $134.4530, 31.4430, 52.4270$ .

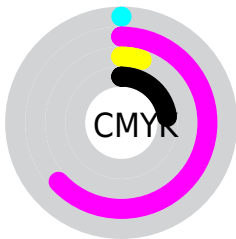
# Distribution



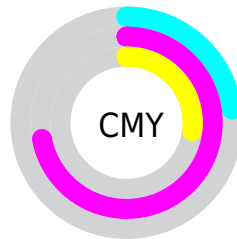
- Red (77%)
- Green (28%)
- Blue (73%)



- Red (77%)
- Yellow (28%)
- Blue (73%)



- Cyan (0%)
- Magenta (63%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (72%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4850, 37.5850, 62.2650 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 122.4850, 37.5850, 62.2650 by changing the saturation by 10% instead.



122.4850, 37.5850,  
62.2650

122.4850, 37.5850,  
62.2650

255.0000, -0.0000,  
-0.0000

92.5390, 37.4930,  
63.9330

179.1970, 38.4560,  
63.0000

57.0220, 40.7470,  
71.0430

197.4740, 26.9500,  
51.2540

45.8000, 32.0840,  
57.3320

213.9100, 19.2500,  
36.6100

34.8770, 24.0170,  
43.8330

230.9330, 11.2750,  
21.4430

24.6660, 16.8210,  
31.0690

248.5430, 3.0250,  
5.7530

13.7860, 7.1950,  
18.2910

1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,  
0.0000

■ 122.4850, 37.5850,  
62.2650

■ 122.4850, 37.5850,  
62.2650

■ 110.5170, 43.7270,  
72.1030

■ 134.4530, 31.4430,  
52.4270

■ 99.2500, 49.2730,  
81.7290

■ 145.7200, 25.8970,  
42.8010

■ 87.2820, 55.4150,  
91.5670

■ 157.6880, 19.7550,  
32.9630

■ 79.5370, 59.3110,  
98.0550

■ 169.5420, 13.9340,  
22.8140

■ 181.5100, 7.7920,  
12.9760

■ 192.8910, 1.9250,  
3.6610

■ 204.7450, -3.8960,  
-6.4880

■ 216.7130,  
-10.0380, -16.3260

■ 227.9800,  
-15.5840, -25.9520

# Harmonies

## Analogous

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



124.0550, -35.0820, 41.0940



122.4850, 37.5850, 62.2650



108.9620, 84.5340, 64.9340

# Triad

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



122.4850, 37.5850, 62.2650



115.5780, 55.5290, -31.6950



109.7270, -100.9100, -21.4380

# Complementary

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



122.4850, 37.5850, 62.2650



146.5150, -37.5850, -62.2650

# 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.



102.5450, -80.6870, -41.0310



122.4850, 37.5850, 62.2650



107.0190, 13.9020, -53.7300

# Square

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



122.4850, 37.5850, 62.2650



114.6680, 91.2870, -7.9210



92.7870, -58.7220, -59.1540



112.1500, -114.6220, -4.2060



# Rectangle

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



122.4850, 37.5850, 62.2650



109.2830, 96.0910, 48.2110



92.7870, -58.7220, -59.1540



107.4470, -94.4900, -27.6580

# Sweetspot

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



122.4850, 37.5850, 62.2650



226.3680, 14.4840, 23.8600



88.6420, -35.3570, 40.5710



110.0480, 9.2130, 14.7570



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.



122.4850, 37.5850, 62.2650



139.2980, 58.4860, 96.4860



115.5310, 57.1660, 43.2940



93.7170, 2.4750, 4.7070



65.8370, 48.9980, 81.2060



14.5260, 10.8630, 17.8950



# Inverse Universe

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



122.4850, 37.5850, 62.2650



139.2980, 58.4860, 96.4860



153.4690, -57.1660, -43.2940



93.7170, 2.4750, 4.7070



65.8370, 48.9980, 81.2060



14.5260, 10.8630, 17.8950



# Previews

## White Background



This preview shows how the YIQ color 122.4850, 37.5850, 62.2650 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

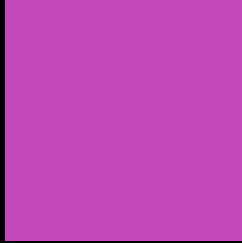
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 122.4850, 37.5850, 62.2650 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

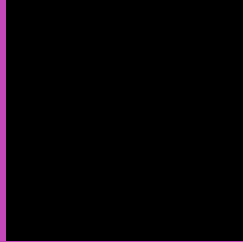
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 122.4850, 37.5850, 62.2650

## Background



This preview shows how black text looks on a background with the YIQ color 122.4850, 37.5850, 62.2650.



This preview shows how white text looks on a background with the YIQ color 122.4850, 37.5850,



# 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

122.4850, 37.5850, 62.2650

### Protanopia

117.5790, -66.5770, 22.6630

### Deuteranopia

123.4040, -29.8960, 13.1760



## Tritanopia

124.3060, 52.5850, 21.6810

# Trichromacy



## Original Color

122.4850, 37.5850, 62.2650



## Protanomaly

119.2420, -28.4790, 37.0650



## Deuteranomaly

122.7590, -5.3700, 31.2540



## Tritanomaly

123.4540, 46.8970, 36.6650

# Monochromacy



## Original Color

122.4850, 37.5850, 62.2650



## Achromatopsia

122.0000, 0.0000, -0.0000



## Achromatomaly

122.2430, 13.3380, 22.6020

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 122.4850, 37.5850, 62.2650 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(197, 72, 187)` looks like.

```
.text, #text, p{  
    color:rgb(197, 72, 187)  
}
```

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(197, 72, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 72, 187) }
```

## Border

The CSS property to change the border of an element to YIQ 122.4850, 37.5850, 62.2650 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(197, 72, 187) }
```



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

```
.border{ border-color:rgb(197, 72, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 72, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 72, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 72, 187);  
box-shadow:4px 4px 4px 4px rgb(197, 72,  
187) }
```

# Background

The CSS property to change the background color of an element to YIQ 122.4850, 37.5850, 62.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 72, 187) }
```

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

```
.background{ background-color: rgb(197, 72,  
187) }
```

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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