

Converting Colors

YIQ(127.9690, 37.9570, 33.4850)

Have a look what the booklet for
YIQ(127.9690, 37.9570, 33.4850)
contains.

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Color

**YIQ(127.9690, 37.9570,
33.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	B9608F
RGB	185, 96, 143
RGB Percent	73%, 38%, 56%
CMY	0.2743, 0.6237, 0.4391
CMYK	0.00, 0.48, 0.23, 0.27
HSL	328°, 39%, 55%
HSV	328°, 48%, 73%
XYZ	29.1620, 20.6649, 28.4499
YIQ	127.9690, 37.9570, 33.4850

Conversions

Conversions Part 2

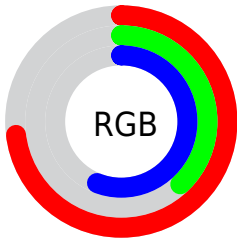
Format	Color
R_{YB}	185, 96, 143
Decimal	12148879
CIE Lab	52.58, 41.63, -9.62
CIE LCh	53, 42.722, 346.990
Yxy	20.6649, 0.3725, 0.2640
Android (android.graphics.Color)	4290338959 (0xFFB9608F)
YUV	127.9690, 7.4103, 50.0162
Hunter-Lab	45.4587, 34.9561, -5.2850

Details

The YIQ color **127.9690, 37.9570, 33.4850** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **153.0310, -37.9570, -33.4850**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.5780, 40.6160, 34.8560**, and **75.8870, 35.2520, 32.9480** is the 20% darker color. If you saturate the color by 10%, you get **115.7900, 46.0710, 40.6230**, and if you desaturate by 10%, it is **139.5610, 30.1180, 26.8700**.

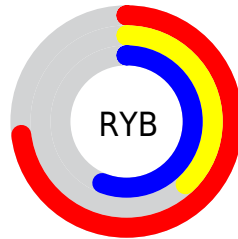
Distribution



Red (73%)

Green (38%)

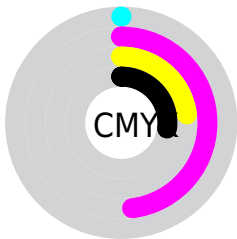
Blue (56%)



Red (73%)

Yellow (38%)

Blue (56%)

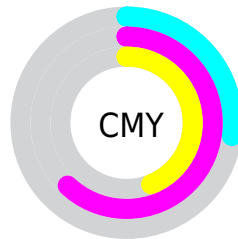


Cyan (0%)

Magenta (48%)

Yellow (23%)

Black (27%)



Cyan (27%)


Magenta (62%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.9690, 37.9570, 33.4850 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 127.9690, 37.9570, 33.4850 by changing the saturation by 10% instead.


 127.9690, 37.9570,
33.4850


 127.9690, 37.9570,
33.4850


255.0000, -0.0000,
-0.0000


 101.3710, 36.7650,
33.0610


 182.5780, 40.6160,
34.8560


 75.8870, 35.2520,
32.9480


 205.2070, 31.3550,
31.9870


 48.0550, 34.8390,
34.9270

 224.8350, 14.6670,
26.0510

 28.3810, 30.8050,
30.9410

 242.0860, 6.0500,
11.5060

 18.8110, 23.2420,
19.3220

 6.2790, 12.5160,
4.4520

 0.0000, 0.0000,

0.0000

■ 127.9690, 37.9570,
33.4850

■ 127.9690, 37.9570,
33.4850

■ 115.7900, 46.0710,
40.6230

■ 139.5610, 30.1180,
26.8700

■ 104.3120, 53.5890,
47.5490

■ 151.6260, 22.3250,
19.4210

■ 92.1330, 61.7030,
54.6870

■ 163.2180, 14.4860,
12.8060

■ 80.5410, 69.5420,
61.3020

■ 175.3970, 6.3720,
5.6680

■ 68.3620, 77.6560,
68.4400

■ 186.9890, -1.4670,
-0.9470

■ 66.4870, 78.8020,
69.6980

■ 199.0540, -9.2600,
-8.3960

■ 211.2330,
-17.3740, -15.5340

■ 222.8250,
-25.2130, -22.1490

■ 230.3080,
-31.1270, -25.1030

Harmonies

Analogous

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



128.9190, 5.8630, 31.4230



127.9690, 37.9570, 33.4850



125.8550, 55.4730, 24.4090

Triad

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



127.9690, 37.9570, 33.4850



119.9120, 22.6540, -25.1060



103.0590, -95.9130, -18.3850

Complementary

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



127.9690, 37.9570, 33.4850



153.0310, -37.9570, -33.4850

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.



101.1720, -86.4660, -29.9060



127.9690, 37.9570, 33.4850



114.4440, -11.3190, -31.6630

Square

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



127.9690, 37.9570, 33.4850



123.0340, 46.2180, -11.6220



96.2530, -73.9930, -41.2010



101.1160, -100.0870, -8.8150

Rectangle

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



127.9690, 37.9570, 33.4850



124.9720, 59.0970, 13.7930



96.2530, -73.9930, -41.2010



103.2070, -93.5740, -22.2300

Sweetspot

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



127.9690, 37.9570, 33.4850



218.2180, 14.4860, 12.8060



118.7040, -3.5370, 36.5830



106.5330, 8.9850, 7.8730



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127.9690, 37.9570, 33.4850



150.8830, 59.4110, 52.1710



122.9530, 52.0810, 19.8010



86.1470, 4.0800, 3.1520



55.9920, 66.6540, 58.5740



10.0820, 11.8730, 10.6010

Inverse Universe

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



127.9690, 37.9570, 33.4850



150.8830, 59.4110, 52.1710



158.0470, -52.0810, -19.8010



86.1470, 4.0800, 3.1520



55.9920, 66.6540, 58.5740



10.0820, 11.8730, 10.6010

Previews

White Background



This preview shows how the YIQ color 127.9690, 37.9570, 33.4850 looks on a white background.

Color Contrast Check

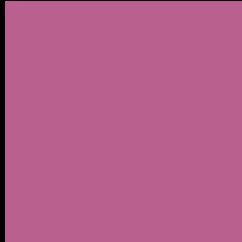
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9690, 37.9570, 33.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

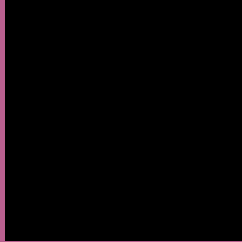
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.9690, 37.9570, 33.4850

Background



This preview shows how black text looks on a background with the YIQ color 127.9690, 37.9570, 33.4850.



This preview shows how white text looks on a background with the YIQ color 127.9690, 37.9570,

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

127.9690, 37.9570, 33.4850

Protanopia

126.5270, -17.2410, 9.5990

Deuteranopia

127.5150, 0.2280, 6.8840



Tritanopia

127.4190, 44.8370, 18.9250

Trichromacy



Original Color

127.9690, 37.9570, 33.4850

Protanomaly

126.7470, 2.9310, 18.4750

Deuteranomaly

127.4400, 13.9810, 16.4530

Tritanomaly

127.3250, 42.4060, 24.4380

Monochromacy



Original Color

127.9690, 37.9570, 33.4850

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.8050, 14.2110, 12.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.9690, 37.9570, 33.4850 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(185, 96, 143)` looks like.

```
.text, #text, p{  
    color:rgb(185, 96, 143)  
}
```

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(185, 96, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 96, 143) }
```

Border

The CSS property to change the border of an element to YIQ 127.9690, 37.9570, 33.4850 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(185, 96, 143) }
```


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

```
.border{ border-color:rgb(185, 96, 143) }
```

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

Here you see how a box with a 4 pixel rgb(185, 96, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 96, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 96, 143);  
box-shadow:4px 4px 4px 4px rgb(185, 96,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 127.9690, 37.9570, 33.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 96, 143) }
```

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

```
.background{ background-color: rgb(185, 96,  
143) }
```

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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