

Converting Colors

YIQ(129.0070, 26.7670, 49.0630)

Have a look what the booklet for
YIQ(129.0070, 26.7670, 49.0630)
contains.

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Color

**YIQ(129.0070, 26.7670,
49.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	B95AB7
RGB	185, 90, 183
RGB Percent	73%, 35%, 72%
CMY	0.2742, 0.6472, 0.2823
CMYK	0.00, 0.51, 0.01, 0.27
HSL	301°, 40%, 54%
HSV	301°, 51%, 73%
XYZ	32.2260, 21.0482, 47.1687
YIQ	129.0070, 26.7670, 49.0630

Conversions

Conversions Part 2

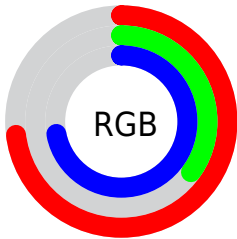
Format	Color
R_{YB}	185, 90, 183
Decimal	12147383
CIE _{Lab}	53.00, 51.23, -32.36
CIE _{LCh}	53, 60.595, 327.719
Yxy	21.0482, 0.3208, 0.2096
Android (android.graphics.Color)	4290337463 (0xFFB95AB7)
YUV	129.0070, 26.6185, 49.1059
Hunter-Lab	45.8783, 45.0957, -28.8428

Details

The YIQ color **129.0070, 26.7670, 49.0630** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **145.9930, -26.7670, -49.0630**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4310, 28.5090, 50.5330**, and **74.5230, 25.2540, 48.9500** is the 20% darker color. If you saturate the color by 10%, you get **117.8540, 31.9920, 59.0000**, and if you desaturate by 10%, it is **139.5730, 21.8170, 39.6490**.

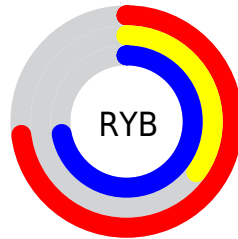
Distribution



Red (73%)

Green (35%)

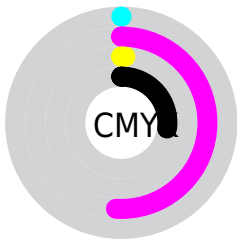
Blue (72%)



Red (73%)

Yellow (35%)

Blue (72%)

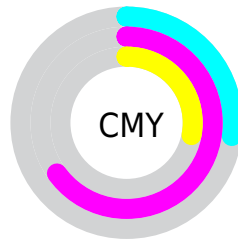


Cyan (0%)

Magenta (51%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (65%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.0070, 26.7670, 49.0630 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 129.0070, 26.7670, 49.0630 by changing the saturation by 10% instead.

129.0070, 26.7670,
49.0630

129.0070, 26.7670,
49.0630

255.0000, -0.0000,
-0.0000

101.7080, 26.1710,
48.8510

184.4310, 28.5090,
50.5330

74.5230, 25.2540,
48.9500

205.6920, 23.1000,
43.9320

42.6530, 28.0040,
54.1800

222.7150, 15.1250,
28.7650

31.8440, 19.6160,
40.9920

239.1510, 7.4250,
14.1210

21.9320, 13.0160,
28.4400

11.0520, 3.3900,
15.6620

0.7980, -2.2470,

2.1770

■ 0.0000, 0.0000,
0.0000

■ 129.0070, 26.7670,
49.0630

■ 129.0070, 26.7670,
49.0630

■ 117.8540, 31.9920,
59.0000

■ 139.5730, 21.8170,
39.6490

■ 107.1740, 37.2630,
68.1030

■ 150.8400, 16.2710,
30.0230

■ 96.0210, 42.4880,
78.0400

■ 161.4060, 11.3210,
20.6090

■ 85.3410, 47.7590,
87.1430

■ 172.6730, 5.7750,
10.9830

■ 75.9490, 52.1590,
95.5110

■ 183.8260, 0.5500,
1.0460

■ 194.3920, -4.4000,
-8.3680

■ 205.6590, -9.9460,
-17.9940

■ 216.2250,
-14.8960, -27.4080

■ 226.3180,
-19.8920, -35.9880

Harmonies

Analogous

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



126.8670, -31.9170, 33.2910



129.0070, 26.7670, 49.0630



122.5970, 65.9680, 48.9760

Triad

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



129.0070, 26.7670, 49.0630



118.5460, 58.5550, -31.4690



107.8860, -97.1040, -24.3360

Complementary

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



129.0070, 26.7670, 49.0630



145.9930, -26.7670, -49.0630

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.



101.8440, -80.0910, -40.8190



129.0070, 26.7670, 49.0630



114.0400, 18.5770, -44.8390

Square

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



129.0070, 26.7670, 49.0630



121.8700, 76.3390, -1.3330



93.3400, -61.6570, -55.5210



110.0980, -108.8440, -9.8040

Rectangle

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



129.0070, 26.7670, 49.0630



120.6780, 78.4410, 37.6810



93.3400, -61.6570, -55.5210



106.5350, -91.9220, -30.1460

Sweetspot

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



129.0070, 26.7670, 49.0630



218.7540, 10.2210, 18.5170



101.4280, -29.3030, 29.9690



106.9720, 6.3710, 11.1950



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.



129.0070, 26.7670, 49.0630



152.0810, 42.2590, 76.6830



123.6490, 41.8540, 34.4460



86.7170, 2.4750, 4.7070



63.9720, 44.1840, 80.3440



11.4500, 8.0210, 14.3330

Inverse Universe

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



129.0070, 26.7670, 49.0630



152.0810, 42.2590, 76.6830



151.3510, -41.8540, -34.4460



86.7170, 2.4750, 4.7070



63.9720, 44.1840, 80.3440



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 129.0070, 26.7670, 49.0630 looks on a white background.

Color Contrast Check

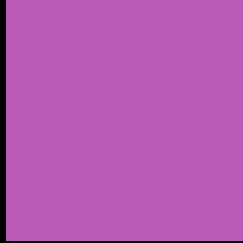
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.0070, 26.7670, 49.0630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

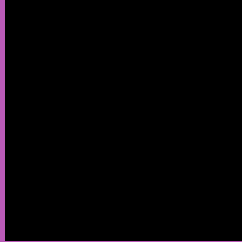
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.0070, 26.7670, 49.0630

Background



This preview shows how black text looks on a background with the YIQ color 129.0070, 26.7670, 49.0630.



This preview shows how white text looks on a background with the YIQ color 129.0070, 26.7670,

49.0630.

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

129.0070, 26.7670, 49.0630

Protanopia

124.1650, -47.9160, 20.3720

Deuteranopia

127.0300, -25.9070, 12.4690



Tritanopia

128.8420, 39.1520, 17.3280

Trichromacy



Original Color

129.0070, 26.7670, 49.0630

Protanomaly

126.0330, -20.8210, 30.4350

Deuteranomaly

127.7000, -6.8820, 25.6140

Tritanomaly

129.0670, 34.5650, 28.8770

Monochromacy



Original Color

129.0070, 26.7670, 49.0630

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0420, 9.3500, 17.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.0070, 26.7670, 49.0630 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, 90, 183)` looks like.

```
.text, #text, p{  
    color:rgb(185, 90, 183)  
}
```

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, 90, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 90, 183) }
```

Border

The CSS property to change the border of an element to YIQ 129.0070, 26.7670, 49.0630 is called "border". The border property can be set on classes, ids or directly on the HTML element.

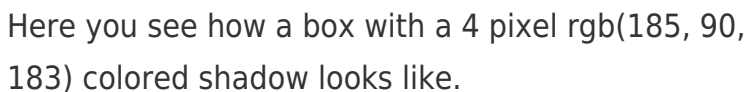
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 90, 183) }
```


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

```
.border{ border-color:rgb(185, 90, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 90, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 90, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 90, 183);  
box-shadow:4px 4px 4px 4px rgb(185, 90,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 129.0070, 26.7670, 49.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 90, 183) }
```

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

```
.background{ background-color: rgb(185, 90,  
183) }
```

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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