

Converting Colors

YIQ(121.2670, 32.2670, 59.5230)

Have a look what the booklet for
YIQ(121.2670, 32.2670, 59.5230)
contains.

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Color

**YIQ(121.2670, 32.2670,
59.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4ABB
RGB	189, 74, 187
RGB Percent	74%, 29%, 73%
CMY	0.2585, 0.7100, 0.2666
CMYK	0.00, 0.61, 0.01, 0.26
HSL	301°, 47%, 52%
HSV	301°, 61%, 74%
XYZ	32.4244, 19.3095, 49.0377
YIQ	121.2670, 32.2670, 59.5230

Conversions

Conversions Part 2

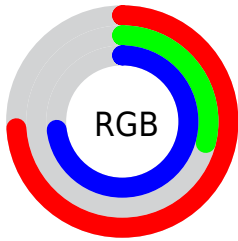
Format	Color
R _{YB}	189, 74, 187
Decimal	12405435
CIE _{Lab}	51.05, 60.37, -37.71
CIE _{LCh}	51, 71.177, 328.012
Yxy	19.3095, 0.3218, 0.1916
Android (android.graphics.Color)	4290595515 (0xFFBD4ABB)
YUV	121.2670, 32.4064, 59.4018
Hunter-Lab	43.9426, 54.8122, -35.4048

Details

The YIQ color **121.2670, 32.2670, 59.5230** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **141.7330, -32.2670, -59.5230**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6910, 34.0090, 60.9930**, and **55.2170, 35.7040, 68.8240** is the 20% darker color. If you saturate the color by 10%, you get **110.1140, 37.4920, 69.4600**, and if you desaturate by 10%, it is **132.4200, 27.0420, 49.5860**.

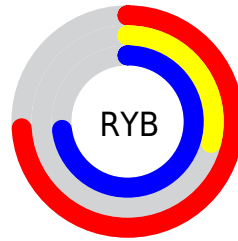
Distribution



Red (74%)

Green (29%)

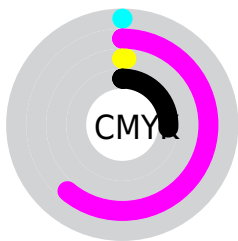
Blue (73%)



Red (74%)

Yellow (29%)

Blue (73%)

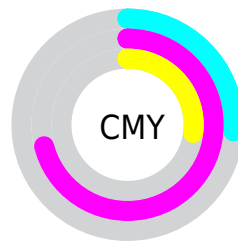


Cyan (0%)

Magenta (61%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (71%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.2670, 32.2670, 59.5230 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 121.2670, 32.2670, 59.5230 by changing the saturation by 10% instead.

121.2670, 32.2670,
59.5230

121.2670, 32.2670,
59.5230

255.0000, -0.0000,
-0.0000

92.2070, 32.4960,
60.8800

177.6910, 34.0090,
60.9930

55.5160, 36.3000,
69.0360

197.4740, 26.9500,
51.2540

43.7070, 27.9120,
55.8480

214.4970, 18.9750,
36.0870

32.7840, 19.8450,
42.3490

231.5200, 11.0000,
20.9200

22.8720, 13.2450,
29.7970

248.5430, 3.0250,
5.7530

11.0950, 1.8310,
16.3830

1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,
0.0000

■ 121.2670, 32.2670,
59.5230

■ 121.2670, 32.2670,
59.5230

■ 110.1140, 37.4920,
69.4600

■ 132.4200, 27.0420,
49.5860

■ 98.8470, 43.0380,
79.0860

■ 143.6870, 21.4960,
39.9600

■ 87.6940, 48.2630,
89.0230

■ 154.8400, 16.2710,
30.0230

■ 77.7150, 52.9380,
97.9140

■ 165.9930, 11.0460,
20.0860

■ 177.2600, 5.5000,
10.4600

■ 187.8260, 0.5500,
1.0460

■ 198.9790, -4.6750,
-8.8910

■ 210.2460,
-10.2210, -18.5170

■ 221.3990,
-15.4460, -28.4540

Harmonies

Analogous

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



120.7230, -40.0790, 38.0410



121.2670, 32.2670, 59.5230



108.5700, 79.7660, 63.2380

Triad

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



121.2670, 32.2670, 59.5230



114.4150, 57.5460, -29.7020



107.0540, -97.5170, -22.3570

Complementary

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



121.2670, 32.2670, 59.5230



141.7330, -32.2670, -59.5230

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.



100.1000, -77.9360, -41.3280



121.2670, 32.2670, 59.5230



105.8670, 17.3860, -50.7900

Square

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



121.2670, 32.2670, 59.5230



112.6080, 91.5160, -6.5640



90.3420, -55.9710, -59.4510



109.5910, -111.5500, -4.8140

Rectangle

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



121.2670, 32.2670, 59.5230



107.8420, 93.0190, 48.8190



90.3420, -55.9710, -59.4510



104.8880, -91.4180, -28.2660

Sweetspot

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



121.2670, 32.2670, 59.5230



219.0580, 12.4210, 22.7010



87.7080, -35.7230, 36.1890



106.1510, 7.4250, 14.1210



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



121.2670, 32.2670, 59.5230



139.5850, 50.1880, 92.6840



114.7690, 50.5640, 41.7960



88.7170, 2.4750, 4.7070



64.9120, 44.4130, 81.7010



12.6890, 8.8460, 15.9020

Inverse Universe

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



121.2670, 32.2670, 59.5230



139.5850, 50.1880, 92.6840



148.2310, -50.5640, -41.7960



88.7170, 2.4750, 4.7070



64.9120, 44.4130, 81.7010



12.6890, 8.8460, 15.9020

Previews

White Background



This preview shows how the YIQ color 121.2670, 32.2670, 59.5230 looks on a white background.

Color Contrast Check

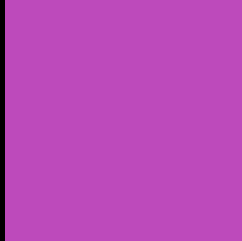
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2670, 32.2670, 59.5230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

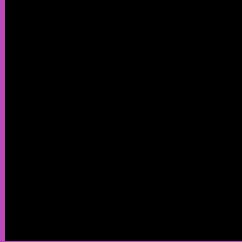
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.2670, 32.2670, 59.5230

Background



This preview shows how black text looks on a background with the YIQ color 121.2670, 32.2670, 59.5230.



This preview shows how white text looks on a background with the YIQ color 121.2670, 32.2670,

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

121.2670, 32.2670, 59.5230

Protanopia

115.1660, -66.8520, 22.1400

Deuteranopia

120.7350, -32.3260, 13.1620



Tritanopia

122.3160, 46.6250, 19.5610

Trichromacy



Original Color

121.2670, 32.2670, 59.5230

Protanomaly

117.5190, -30.8170, 35.3830

Deuteranomaly

120.9650, -8.9460, 29.9820

Tritanomaly

122.2360, 41.5790, 33.9230

Monochromacy



Original Color

121.2670, 32.2670, 59.5230

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.2320, 11.8710, 21.6550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2670, 32.2670, 59.5230 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(189, 74, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 74, 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(189, 74, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 74, 187) }
```

Border

The CSS property to change the border of an element to YIQ 121.2670, 32.2670, 59.5230 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(189, 74, 187) }
```


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

```
.border{ border-color:rgb(189, 74, 187) }
```

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

Here you see how a box with a 4 pixel rgb(189, 74, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 74, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 74, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 74,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2670, 32.2670, 59.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 74, 187) }
```

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

```
.background{ background-color: rgb(189, 74,  
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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