

Converting Colors

YIQ(130.5670, 39.1490, 33.9090)

Have a look what the booklet for
YIQ(130.5670, 39.1490, 33.9090)
contains.

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Color

**YIQ(130.5670, 39.1490,
33.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6291
RGB	189, 98, 145
RGB Percent	74%, 38%, 57%
CMY	0.2586, 0.6158, 0.4313
CMYK	0.00, 0.48, 0.23, 0.26
HSL	329°, 41%, 56%
HSV	329°, 48%, 74%
XYZ	30.4791, 21.6003, 29.3632
YIQ	130.5670, 39.1490, 33.9090

Conversions

Conversions Part 2

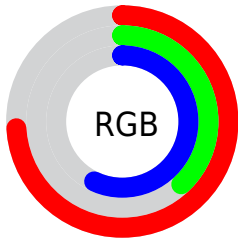
Format	Color
R_{YB}	189, 98, 145
Decimal	12411537
CIE _{Lab}	53.60, 42.23, -9.21
CIE _{LCh}	54, 43.227, 347.693
Yxy	21.6003, 0.3742, 0.2652
Android (android.graphics.Color)	4290601617 (0xFFBD6291)
YUV	130.5670, 7.1155, 51.2457
Hunter-Lab	46.4762, 35.7272, -4.9255

Details

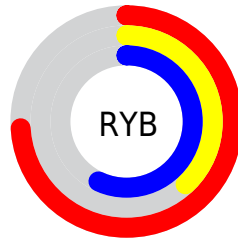
The YIQ color **130.5670, 39.1490, 33.9090** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **156.4330, -39.1490, -33.9090**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1760, 41.8080, 35.2800**, and **77.5990, 36.1230, 33.6830** is the 20% darker color. If you saturate the color by 10%, you get **118.3880, 47.2630, 41.0470**, and if you desaturate by 10%, it is **142.7460, 31.0350, 26.7710**.

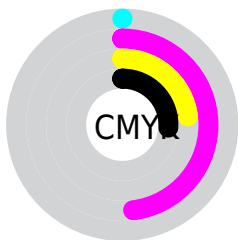
Distribution



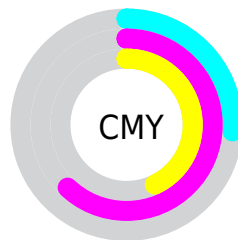
- Red (74%)
- Green (38%)
- Blue (57%)



- Red (74%)
- Yellow (38%)
- Blue (57%)



- Cyan (0%)
- Magenta (48%)
- Yellow (23%)
- Black (26%)





- Cyan (26%)
- Magenta (62%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.5670, 39.1490, 33.9090 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 130.5670, 39.1490, 33.9090 by changing the saturation by 10% instead.


 130.5670, 39.1490,
33.9090


 130.5670, 39.1490,
33.9090


255.0000, -0.0000,
-0.0000


 103.9690, 37.9570,
33.4850


 185.1760, 41.8080,
35.2800


 77.5990, 36.1230,
33.6830


 207.1960, 29.8880,
31.0400


 50.3540, 35.4350,
35.1390

 226.8240, 13.2000,
25.1040

 29.5060, 31.9510,
32.1990

 243.2600, 5.5000,
10.4600

 19.6370, 23.7920,
20.3680

 8.4860, 16.3670,
6.2470

 0.0000, 0.0000,

0.0000

■ 130.5670, 39.1490,
33.9090

■ 130.5670, 39.1490,
33.9090

■ 118.3880, 47.2630,
41.0470

■ 142.7460, 31.0350,
26.7710

■ 106.2090, 55.3770,
48.1850

■ 154.9250, 22.9210,
19.6330

■ 94.0300, 63.4910,
55.3230

■ 167.1040, 14.8070,
12.4950

■ 81.7370, 71.9260,
62.1500

■ 179.3970, 6.3720,
5.6680

■ 69.5580, 80.0400,
69.2880

■ 190.9890, -1.4670,
-0.9470

■ 67.6830, 81.1860,
70.5460

■ 203.1680, -9.5810,
-8.0850

■ 215.3470,
-17.6950, -15.2230

■ 227.5260,
-25.8090, -22.3610

■ 232.0740,
-30.3480, -22.7000

Harmonies

Analogous

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



131.9300, 7.3300, 32.3700



130.5670, 39.1490, 33.9090



128.3390, 56.9860, 24.5220

Triad

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



130.5670, 39.1490, 33.9090



122.4990, 22.3790, -25.6290



105.2760, -98.0220, -18.7100

Complementary

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



130.5670, 39.1490, 33.9090



156.4330, -39.1490, -33.9090

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.



103.3890, -88.5750, -30.2310



130.5670, 39.1490, 33.9090



116.8460, -12.5110, -32.0870

Square

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



130.5670, 39.1490, 33.9090



125.8060, 46.8600, -12.2440



98.3560, -75.7810, -41.8370



102.6320, -101.6000, -8.9280

Rectangle

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



130.5670, 39.1490, 33.9090



127.7440, 59.7390, 13.1710



98.3560, -75.7810, -41.8370



104.8370, -95.4080, -22.0320

Sweetspot

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



130.5670, 39.1490, 33.9090



223.1040, 14.8070, 12.4950



121.5300, -2.9870, 37.6290



109.1200, 8.7100, 7.3500



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.



130.5670, 39.1490, 33.9090



153.7800, 61.1990, 52.8070



125.3230, 53.9150, 19.6030



88.2610, 3.7590, 3.4630



56.5900, 67.8460, 58.9980



11.0930, 13.3400, 11.5480

Inverse Universe

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



130.5670, 39.1490, 33.9090



153.7800, 61.1990, 52.8070



161.6770, -53.9150, -19.6030



88.2610, 3.7590, 3.4630



56.5900, 67.8460, 58.9980



11.0930, 13.3400, 11.5480

Previews

White Background



This preview shows how the YIQ color 130.5670, 39.1490, 33.9090 looks on a white background.

Color Contrast Check

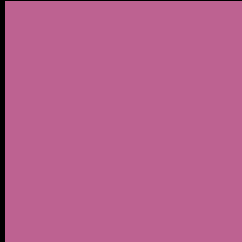
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5670, 39.1490, 33.9090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

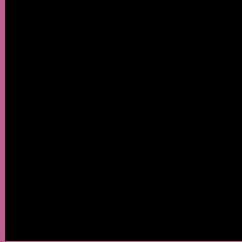
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.5670, 39.1490, 33.9090

Background



This preview shows how black text looks on a background with the YIQ color 130.5670, 39.1490, 33.9090.



This preview shows how white text looks on a background with the YIQ color 130.5670, 39.1490,

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

130.5670, 39.1490, 33.9090

Protanopia

128.9400, -16.9660, 10.1220

Deuteranopia

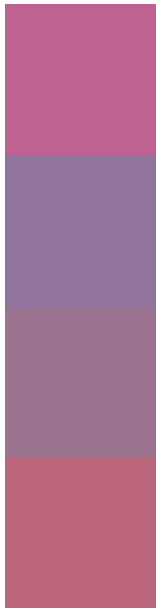
129.9990, 1.7410, 6.9970



Tritanopia

130.0170, 46.0290, 19.3490

Trichromacy



Original Color

130.5670, 39.1490, 33.9090

Protanomaly

129.1600, 3.2060, 18.9980

Deuteranomaly

130.0380, 15.1730, 16.8770

Tritanomaly

129.9230, 43.5980, 24.8620

Monochromacy



Original Color

130.5670, 39.1490, 33.9090

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.8050, 14.2110, 12.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5670, 39.1490, 33.9090 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, 98, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 98, 145)  
}
```

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, 98, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 98, 145) }
```

Border

The CSS property to change the border of an element to YIQ 130.5670, 39.1490, 33.9090 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, 98, 145) }
```


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

```
.border{ border-color:rgb(189, 98, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 98, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 98, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 98, 145);  
box-shadow:4px 4px 4px 4px rgb(189, 98,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5670, 39.1490, 33.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 98, 145) }
```

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

```
.background{ background-color: rgb(189, 98,  
145) }
```

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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