

Converting Colors

YIQ(161.9680, 4.1670, 29.1190)

Have a look what the booklet for
YIQ(161.9680, 4.1670, 29.1190)
contains.

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Color

**YIQ(161.9680, 4.1670,
29.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	B88ECF
RGB	184, 142, 207
RGB Percent	72%, 56%, 81%
CMY	0.2783, 0.4432, 0.1883
CMYK	0.11, 0.31, 0.00, 0.19
HSL	279°, 40%, 68%
HSV	279°, 31%, 81%
XYZ	40.7076, 34.0401, 63.4508
YIQ	161.9680, 4.1670, 29.1190

Conversions

Conversions Part 2

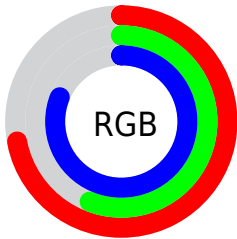
Format	Color
RYB	184, 142, 207
Decimal	12095183
CIELab	64.99, 27.78, -27.41
CIELCh	65, 39.023, 315.383
Yxy	34.0401, 0.2946, 0.2463
Android (android.graphics.Color)	4290285263 (0xFFB88ECF)
YUV	161.9680, 22.2008, 19.3221
Hunter-Lab	58.3439, 22.4407, -23.6390

Details

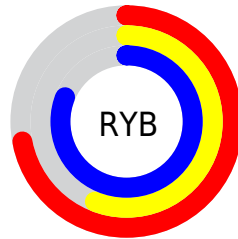
The YIQ color **161.9680, 4.1670, 29.1190** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187.0320, -4.1670, -29.1190**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1810, 7.8810, 27.8890**, and **109.6150, 3.6630, 27.2390** is the 20% darker color. If you saturate the color by 10%, you get **147.5480, 5.7700, 38.6180**, and if you desaturate by 10%, it is **176.3880, 2.5640, 19.6200**.

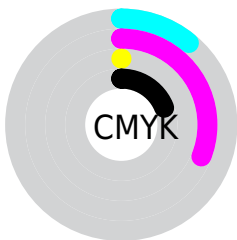
Distribution



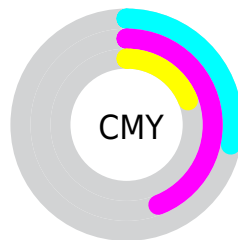
- Red (72%)
- Green (56%)
- Blue (81%)



- Red (72%)
- Yellow (56%)
- Blue (81%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.9680, 4.1670, 29.1190 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 161.9680, 4.1670, 29.1190 by changing the saturation by 10% instead.

161.9680, 4.1670,
29.1190

161.9680, 4.1670,
29.1190

255.0000, -0.0000,
-0.0000

135.4410, 4.2130,
28.2850

216.1810, 7.8810,
27.8890

109.6150, 3.6630,
27.2390

236.8030, 8.5250,
16.2130

84.7890, 3.1130,
26.1930

253.8260, 0.5500,
1.0460

60.9630, 2.5630,
25.1470

38.1370, 2.0130,
24.1010

15.7240, 1.7380,
23.5780

3.6480, -10.2720,

9.9520

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 161.9680, 4.1670,
29.1190

■ 161.9680, 4.1670,
29.1190

■ 147.5480, 5.7700,
38.6180

■ 176.3880, 2.5640,
19.6200

■ 133.4160, 6.5020,
47.3820

■ 190.5200, 1.8320,
10.8560

■ 118.9960, 8.1050,
56.8810

■ 204.9400, 0.2290,
1.3570

■ 104.5760, 9.7080,
66.3800

■ 219.3600, -1.3740,
-8.1420

89.8570, 10.7150,
75.6670

233.4920, -2.1060,
-16.9060

76.0240, 12.0430,
84.6430

241.4550, -0.6840,
-20.6520

63.6640, 13.4170,
92.7850

243.5480, 3.4880,
-19.1680

245.9400, 8.2560,
-17.4720

248.0330, 12.4280,
-15.9880

Harmonies

Analogous

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



157.0000, -34.3900, 17.5300



161.9680, 4.1670, 29.1190



161.8330, 35.3440, 31.2800

Triad

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



161.9680, 4.1670, 29.1190



156.6150, 46.0800, -9.1200



123.2620, -104.5750, -37.6230

Complementary

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



161.9680, 4.1670, 29.1190



187.0320, -4.1670, -29.1190

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.



141.2950, -47.4480, -32.1840



161.9680, 4.1670, 29.1190



153.0910, 23.7080, -22.1800

Square

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



161.9680, 4.1670, 29.1190



158.4290, 56.0720, 8.0400



148.7650, -7.7890, -29.5570



125.0350, -113.7010, -26.4130

Rectangle

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



161.9680, 4.1670, 29.1190



160.7280, 48.6410, 27.0810



148.7650, -7.7890, -29.5570



130.8640, -82.8430, -34.9950

Sweetspot

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



161.9680, 4.1670, 29.1190



239.1070, 1.5570, 10.3330



163.4980, -27.4650, 7.6630



117.7000, 1.1450, 6.7850



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.



161.9680, 4.1670, 29.1190



187.8950, 6.4110, 43.5230



167.8190, 20.7640, 31.1960



97.3470, 0.6410, 4.9050



51.7430, 11.0360, 75.3560



12.4480, 2.3350, 18.2630

Inverse Universe

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



164.0570, 31.3570, 20.9330



190.8790, 46.8980, 31.1380



181.1810, -20.7640, -31.1960



97.7450, 5.2720, 3.5760



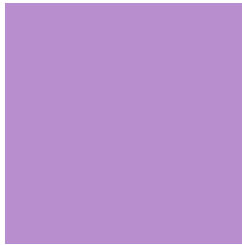
56.9580, 81.1890, 53.9650



13.8550, 19.9420, 13.0460

Previews

White Background



This preview shows how the YIQ color 161.9680, 4.1670, 29.1190 looks on a white background.

Color Contrast Check

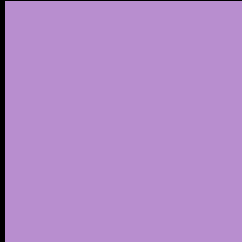
Large Text (above 18pt) WCAG AA × Fail

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 161.9680, 4.1670, 29.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

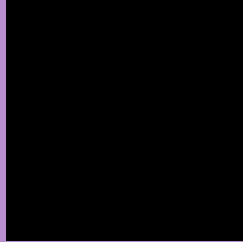
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.9680, 4.1670, 29.1190

Background



This preview shows how black text looks on a background with the YIQ color 161.9680, 4.1670, 29.1190.



This preview shows how white text looks on a background with the YIQ color 161.9680, 4.1670,

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

161.9680, 4.1670, 29.1190

Protanopia

158.1700, -29.1170, 15.5790

Deuteranopia

158.4930, -19.9010, 13.7550



Tritanopia

160.0280, 11.9650, 8.9330

Trichromacy



Original Color

161.9680, 4.1670, 29.1190

Protanomaly

159.5630, -16.9220, 20.3420

Deuteranomaly

159.5590, -11.0990, 19.4370

Tritanomaly

160.9880, 9.4420, 16.1140

Monochromacy



Original Color

161.9680, 4.1670, 29.1190

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.1070, 1.5570, 10.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.9680, 4.1670, 29.1190 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(184, 142, 207)` looks like.

```
.text, #text, p{  
    color:rgb(184, 142, 207)  
}
```

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(184, 142, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 142, 207) }
```

Border

The CSS property to change the border of an element to YIQ 161.9680, 4.1670, 29.1190 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(184, 142, 207) }
```


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

```
.border{ border-color:rgb(184, 142, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 142, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 142, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 142, 207);  
box-shadow:4px 4px 4px 4px rgb(184, 142,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 161.9680, 4.1670, 29.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 142, 207) }
```

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

```
.background{ background-color: rgb(184,  
142, 207) }
```

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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