

Converting Colors

YIQ(168.4870, 15.7670, 28.1430)

Have a look what the booklet for
YIQ(168.4870, 15.7670, 28.1430)
contains.

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Color

**YIQ(168.4870, 15.7670,
28.1430)**

Conversions

Conversions Part 1

Format	Color
Hex	C992C7
RGB	201, 146, 199
RGB Percent	79%, 57%, 78%
CMY	0.2116, 0.4275, 0.2196
CMYK	0.00, 0.27, 0.01, 0.21
HSL	302°, 34%, 68%
HSV	302°, 27%, 79%
XYZ	44.6834, 37.0978, 58.8417
YIQ	168.4870, 15.7670, 28.1430

Conversions

Conversions Part 2

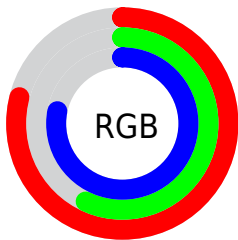
Format	Color
R_{YB}	201, 146, 199
Decimal	13210311
CIE _{Lab}	67.35, 29.51, -19.20
CIE _{LCh}	67, 35.208, 326.955
Yxy	37.0978, 0.3178, 0.2638
Android (android.graphics.Color)	4291400391 (0xFFC992C7)
YUV	168.4870, 15.0429, 28.5139
Hunter-Lab	60.9079, 24.3627, -14.6431

Details

The YIQ color **168.4870, 15.7670, 28.1430** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178.5130, -15.7670, -28.1430**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **222.7150, 15.1250, 28.7650**, and **115.9490, 14.3460, 26.3620** is the 20% darker color. If you saturate the color by 10%, you get **156.6330, 21.5880, 38.2920**, and if you desaturate by 10%, it is **180.3410, 9.9460, 17.9940**.

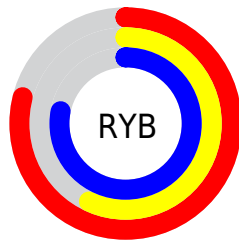
Distribution



Red (79%)

Green (57%)

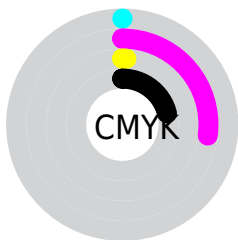
Blue (78%)



Red (79%)

Yellow (57%)

Blue (78%)

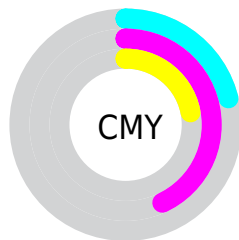


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (43%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.4870, 15.7670, 28.1430 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 168.4870, 15.7670, 28.1430 by changing the saturation by 10% instead.

■ 168.4870, 15.7670,
28.1430

■ 168.4870, 15.7670,
28.1430

255.0000, -0.0000,
-0.0000

■ 141.7750, 14.8960,
27.4080

■ 222.7150, 15.1250,
28.7650

■ 115.9490, 14.3460,
26.3620

■ 239.7380, 7.1500,
13.5980

■ 90.5360, 14.0710,
25.8390

■ 66.4110, 12.9250,
24.5810

■ 42.5250, 12.6040,
24.8920

■ 19.8130, 11.7330,
24.1570

■ 10.2540, 5.6370,

13.4850

■ 0.0000, 0.0000,
0.0000

■ 168.4870, 15.7670,
28.1430

■ 168.4870, 15.7670,
28.1430

■ 156.6330, 21.5880,
38.2920

■ 180.3410, 9.9460,
17.9940

■ 144.8930, 27.0880,
48.7520

■ 192.0810, 4.4460,
7.5340

■ 133.0390, 32.9090,
58.9010

■ 203.9350, -1.3750,
-2.6150

■ 121.1850, 38.7300,
69.0500

■ 215.7890, -7.1960,
-12.7640

■ 108.7440, 44.8260,
79.7220

■ 228.2300,
-13.2920, -23.4360

97.0040, 50.3260,
90.1820

232.9260,
-15.4920, -27.6200

85.1500, 56.1470,
100.3310

233.0400,
-15.8130, -27.3090

82.2150, 57.5220,
102.9460

233.1540,
-16.1340, -26.9980

233.2680,
-16.4550, -26.6870

Harmonies

Analogous

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



165.9760, -16.6470, 20.8650



168.4870, 15.7670, 28.1430



167.7100, 39.8840, 26.0920

Triad

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



168.4870, 15.7670, 28.1430



162.1190, 35.6730, -13.2470



139.8070, -86.6960, -25.7360

Complementary

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



168.4870, 15.7670, 28.1430



178.5130, -15.7670, -28.1430

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.



147.5100, -55.2430, -28.5790



168.4870, 15.7670, 28.1430



159.1050, 11.9250, -23.3950

Square

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



168.4870, 15.7670, 28.1430



164.5050, 49.7460, 1.5380



154.3600, -19.7100, -28.2700



146.1750, -81.3800, -11.9400

Rectangle

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



168.4870, 15.7670, 28.1430



166.5120, 49.0090, 20.4090



154.3600, -19.7100, -28.2700



141.8310, -78.0760, -27.7720

Sweetspot

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



168.4870, 15.7670, 28.1430



243.1460, 5.8210, 10.1490



152.8680, -16.4630, 17.5290



120.2550, 3.8960, 6.4880



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.



168.4870, 15.7670, 28.1430



205.3500, 24.0630, 42.9990



165.4090, 24.4340, 19.7460



93.7170, 2.4750, 4.7070



66.6350, 46.7510, 83.3830



14.6400, 10.5420, 18.2060

Inverse Universe

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



168.4870, 15.7670, 28.1430



205.3500, 24.0630, 42.9990



181.5910, -24.4340, -19.7460



93.7170, 2.4750, 4.7070



66.6350, 46.7510, 83.3830



14.6400, 10.5420, 18.2060

Previews

White Background



This preview shows how the YIQ color 168.4870, 15.7670, 28.1430 looks on a white background.

Color Contrast Check

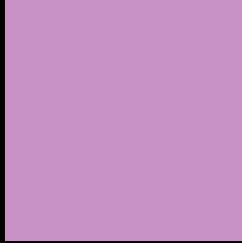
Large Text (above 18pt) WCAG AA × Fail

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 168.4870, 15.7670, 28.1430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

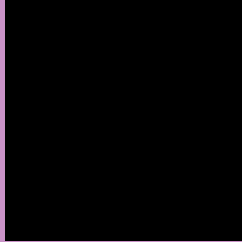
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.4870, 15.7670, 28.1430

Background



This preview shows how black text looks on a background with the YIQ color 168.4870, 15.7670, 28.1430.



This preview shows how white text looks on a background with the YIQ color 168.4870, 15.7670,

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

168.4870, 15.7670, 28.1430

Protanopia

164.5960, -21.6890, 13.1190

Deuteranopia

166.1860, -8.8510, 11.7330



Tritanopia

166.5240, 22.3720, 13.0600

Trichromacy



Original Color

168.4870, 15.7670, 28.1430

Protanomaly

166.0000, -8.0270, 18.8290

Deuteranomaly

167.2520, -0.0490, 17.4150

Tritanomaly

167.4300, 19.9410, 18.5730

Monochromacy



Original Color

168.4870, 15.7670, 28.1430

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

168.1460, 5.8210, 10.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.4870, 15.7670, 28.1430 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(201, 146, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 146, 199)  
}
```

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(201, 146, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 146, 199) }
```

Border

The CSS property to change the border of an element to YIQ 168.4870, 15.7670, 28.1430 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(201, 146, 199) }
```


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

```
.border{ border-color:rgb(201, 146, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 146, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 146, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 146, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 146,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 168.4870, 15.7670, 28.1430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 146, 199) }
```

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

```
.background{ background-color: rgb(201,  
146, 199) }
```

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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