

Converting Colors

YIQ(159.7070, 17.6030, 16.8910)

Have a look what the booklet for
YIQ(159.7070, 17.6030, 16.8910)
contains.

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Color

**YIQ(159.7070, 17.6030,
16.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	BB90A9
RGB	187, 144, 169
RGB Percent	73%, 56%, 66%
CMY	0.2665, 0.4353, 0.3372
CMYK	0.00, 0.23, 0.10, 0.27
HSL	325°, 24%, 65%
HSV	325°, 23%, 73%
XYZ	37.6340, 33.3747, 42.0009
YIQ	159.7070, 17.6030, 16.8910

Conversions

Conversions Part 2

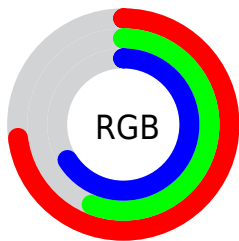
Format	Color
R_{YB}	187, 144, 169
Decimal	12292265
CIE Lab	64.46, 20.33, -6.86
CIE LCh	64, 21.458, 341.357
Yxy	33.3747, 0.3330, 0.2953
Android (android.graphics.Color)	4290482345 (0xFFBB90A9)
YUV	159.7070, 4.5814, 23.9360
Hunter-Lab	57.7708, 15.1825, -2.6658

Details

The YIQ color **159.7070, 17.6030, 16.8910** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171.2930, -17.6030, -16.8910**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.7180, 19.0700, 17.8380**, and **107.6960, 16.1360, 15.9440** is the 20% darker color. If you saturate the color by 10%, you get **147.6420, 25.3960, 24.3400**, and if you desaturate by 10%, it is **171.7720, 9.8100, 9.4420**.

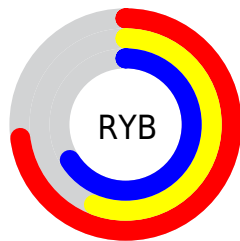
Distribution



Red (73%)

Green (56%)

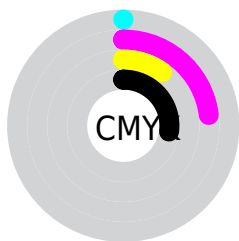
Blue (66%)



Red (73%)

Yellow (56%)

Blue (66%)

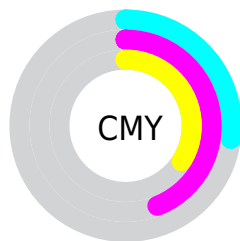


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (27%)



Cyan (27%)


Magenta (44%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.7070, 17.6030, 16.8910 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 159.7070, 17.6030, 16.8910 by changing the saturation by 10% instead.

 159.7070, 17.6030,
16.8910

 159.7070, 17.6030,
16.8910


255.0000, -0.0000,
-0.0000


 133.4080, 17.0070,
16.6790


 214.7180, 19.0700,
17.8380


 107.6960, 16.1360,
15.9440

 237.7490, 8.6170,
14.5450

 83.2830, 15.8610,
15.4210

 59.6850, 14.6690,
14.9970

 37.6740, 13.2020,
14.0500

 14.6140, 13.4310,
15.4070

 0.0000, 0.0000,

0.0000

■ 159.7070, 17.6030,
16.8910

■ 159.7070, 17.6030,
16.8910

■ 147.6420, 25.3960,
24.3400

■ 171.7720, 9.8100,
9.4420

■ 136.1640, 32.9140,
31.2660

■ 183.2500, 2.2920,
2.5160

■ 124.2130, 40.3860,
39.0260

■ 195.2010, -5.1800,
-5.2440

■ 112.1480, 48.1790,
46.4750

■ 207.2660,
-12.9730, -12.6930

■ 100.0830, 55.9720,
53.9240

■ 219.3310,
-20.7660, -20.1420

■ 88.6050, 63.4900,
60.8500

■ 230.2220,
-28.0090, -26.5450

■ 76.5400, 71.2830,
68.2990

■ 231.1340,
-30.5770, -24.0570

■ 68.3390, 76.4630,
73.5430

■ 232.0460,
-33.1450, -21.5690

■ 232.8440,
-35.3920, -19.3920

Harmonies

Analogous

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



159.0840, 0.3640, 15.4360



159.7070, 17.6030, 16.8910



159.3460, 28.7450, 13.2010

Triad

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



159.7070, 17.6030, 16.8910



154.4620, 15.7740, -10.5460



148.8730, -42.3630, -8.6910

Complementary

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



159.7070, 17.6030, 16.8910



171.2930, -17.6030, -16.8910

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.



148.0060, -35.6680, -14.3880



159.7070, 17.6030, 16.8910



152.6170, -0.9600, -15.6480

Square

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



159.7070, 17.6030, 16.8910



156.4360, 27.8310, -3.2810



149.6240, -20.0330, -16.9050



152.2640, -35.8540, 0.0020

Rectangle

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



159.7070, 17.6030, 16.8910



158.4510, 32.6430, 8.6350



149.6240, -20.0330, -16.9050



148.5910, -41.6290, -10.9810

Sweetspot

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



159.7070, 17.6030, 16.8910



231.2230, 6.9220, 6.7140



154.2840, -3.0750, 17.1890



116.2610, 3.7590, 3.4630



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.



159.7070, 17.6030, 16.8910



198.8920, 27.6880, 26.8560



157.3130, 24.3440, 10.3600



88.2610, 3.7590, 3.4630



57.7300, 64.6360, 62.1080



11.3210, 12.6980, 12.1700

Inverse Universe

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



159.7070, 17.6030, 16.8910



198.8920, 27.6880, 26.8560



173.6870, -24.3440, -10.3600



88.2610, 3.7590, 3.4630



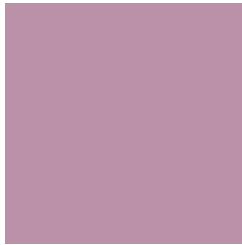
57.7300, 64.6360, 62.1080



11.3210, 12.6980, 12.1700

Previews

White Background



This preview shows how the YIQ color 159.7070, 17.6030, 16.8910 looks on a white background.

Color Contrast Check

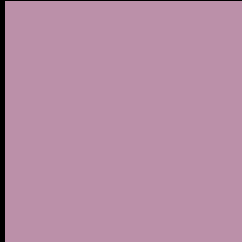
Large Text (above 18pt) WCAG AA × Fail

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 159.7070, 17.6030, 16.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

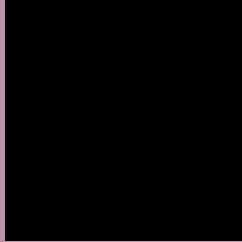
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.7070, 17.6030, 16.8910

Background



This preview shows how black text looks on a background with the YIQ color 159.7070, 17.6030, 16.8910.



This preview shows how white text looks on a background with the YIQ color 159.7070, 17.6030,

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

159.7070, 17.6030, 16.8910

Protanopia

157.0950, -7.3370, 6.3190

Deuteranopia

158.1950, 4.1250, 7.8450



Tritanopia

159.2140, 20.3090, 11.9010

Trichromacy



Original Color

159.7070, 17.6030, 16.8910

Protanomaly

157.9930, 1.8780, 10.0220

Deuteranomaly

158.6410, 8.8010, 11.2090

Tritanomaly

159.0830, 19.3000, 13.6680

Monochromacy



Original Color

159.7070, 17.6030, 16.8910

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.8100, 6.6470, 6.1910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.7070, 17.6030, 16.8910 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(187, 144, 169)` looks like.

```
.text, #text, p{  
    color:rgb(187, 144, 169)  
}
```

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(187, 144, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 144, 169) }
```

Border

The CSS property to change the border of an element to YIQ 159.7070, 17.6030, 16.8910 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(187, 144, 169) }
```


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

```
.border{ border-color:rgb(187, 144, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 144, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 144, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 144, 169);  
box-shadow:4px 4px 4px 4px rgb(187, 144,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 159.7070, 17.6030, 16.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 144, 169) }
```

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

```
.background{ background-color: rgb(187,  
144, 169) }
```

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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