

Converting Colors

YIQ(149.9950, 16.7320, 16.1560)

Have a look what the booklet for
YIQ(149.9950, 16.7320, 16.1560)
contains.

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Color

**YIQ(149.9950, 16.7320,
16.1560)**

Conversions

Conversions Part 1

Format	Color
Hex	B0879F
RGB	176, 135, 159
RGB Percent	69%, 53%, 62%
CMY	0.3097, 0.4706, 0.3764
CMYK	0.00, 0.23, 0.10, 0.31
HSL	325°, 21%, 61%
HSV	325°, 23%, 69%
XYZ	32.8316, 29.0602, 36.6852
YIQ	149.9950, 16.7320, 16.1560

Conversions

Conversions Part 2

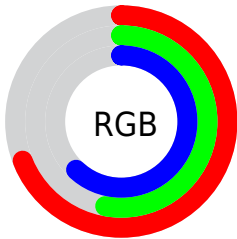
Format	Color
R_{YB}	176, 135, 159
Decimal	11569055
CIE _{Lab}	60.83, 19.64, -6.69
CIE _{LCh}	61, 20.748, 341.176
Yxy	29.0602, 0.3331, 0.2948
Android (android.graphics.Color)	4289759135 (0xFFB0879F)
YUV	149.9950, 4.4395, 22.8064
Hunter-Lab	53.9075, 14.3747, -2.6128

Details

The YIQ color **149.9950, 16.7320, 16.1560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161.0050, -16.7320, -16.1560**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.7070, 17.6030, 16.8910**, and **98.9840, 15.2650, 15.2090** is the 20% darker color. If you saturate the color by 10%, you get **138.6310, 23.9290, 23.3930**, and if you desaturate by 10%, it is **161.3590, 9.5350, 8.9190**.

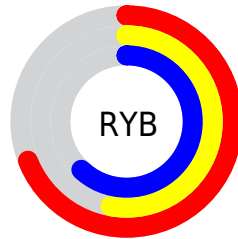
Distribution



Red (69%)

Green (53%)

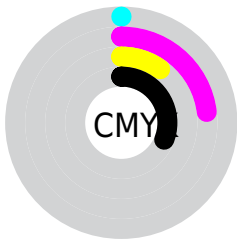
Blue (62%)



Red (69%)

Yellow (53%)

Blue (62%)

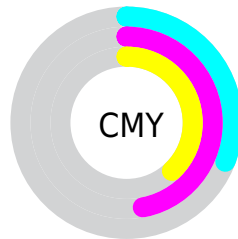


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (47%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9950, 16.7320, 16.1560 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 149.9950, 16.7320, 16.1560 by changing the saturation by 10% instead.


 149.9950, 16.7320,
16.1560


 149.9950, 16.7320,
16.1560


255.0000, -0.0000,
-0.0000


 123.6960, 16.1360,
15.9440


 204.1200, 17.8780,
17.4140


 98.9840, 15.2650,
15.2090


 230.6250, 14.8980,
16.3540

 74.5710, 14.9900,
14.6860

 249.1300, 2.7500,
5.2300

 51.5600, 13.5230,
13.7390

 29.3750, 12.6060,
13.8380

 11.6200, 13.2940,
12.3820

 0.0000, 0.0000,

0.0000

■ 149.9950, 16.7320,
16.1560

■ 149.9950, 16.7320,
16.1560

■ 138.6310, 23.9290,
23.3930

■ 161.3590, 9.5350,
8.9190

■ 127.7400, 31.1720,
29.7960

■ 172.2500, 2.2920,
2.5160

■ 116.3760, 38.3690,
37.0330

■ 183.6140, -4.9050,
-4.7210

■ 105.5990, 45.2910,
43.7470

■ 194.3910,
-11.8270, -11.4350

■ 94.2350, 52.4880,
50.9840

■ 205.8690,
-19.3450, -18.3610

■ 82.7570, 60.0060,
57.9100

■ 217.2330,
-26.5420, -25.5980

71.9800, 66.9280,
64.6240

226.2490,
-32.6390, -30.7430

64.3660, 71.8330,
69.3450

227.0470,
-34.8860, -28.5660

227.9590,
-37.4540, -26.0780

Harmonies

Analogous

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



149.2580, -0.1860, 14.3900



149.9950, 16.7320, 16.1560



149.6340, 27.8740, 12.4660

Triad

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



149.9950, 16.7320, 16.1560



145.2770, 14.8570, -10.4470



139.6560, -40.2540, -8.3660

Complementary

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



149.9950, 16.7320, 16.1560



161.0050, -16.7320, -16.1560

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.



138.6040, -34.4760, -13.9640



149.9950, 16.7320, 16.1560



143.1440, -1.0060, -14.8140

Square

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



149.9950, 16.7320, 16.1560



147.3650, 26.5930, -2.8710



140.3360, -19.1620, -16.1700



142.7480, -34.3410, 0.1150

Rectangle

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



149.9950, 16.7320, 16.1560



148.9670, 31.1300, 8.5220



140.3360, -19.1620, -16.1700



139.0750, -40.1160, -10.8680

Sweetspot

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



149.9950, 16.7320, 16.1560



219.2230, 6.9220, 6.7140



144.4580, -3.6250, 16.1430



109.2610, 3.7590, 3.4630



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



149.9950, 16.7320, 16.1560



188.7670, 26.5420, 25.5980



147.7150, 23.1520, 9.9360



83.3750, 3.4380, 3.7740



56.0070, 62.2980, 60.4260



9.4840, 10.6810, 10.1770

Inverse Universe

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



149.9950, 16.7320, 16.1560



188.7670, 26.5420, 25.5980



163.2850, -23.1520, -9.9360



83.3750, 3.4380, 3.7740



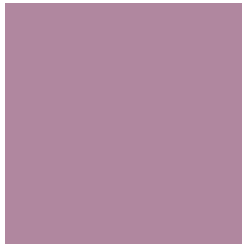
56.0070, 62.2980, 60.4260



9.4840, 10.6810, 10.1770

Previews

White Background



This preview shows how the YIQ color 149.9950, 16.7320, 16.1560 looks on a white background.

Color Contrast Check

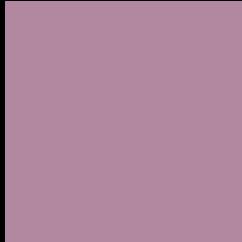
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.9950, 16.7320, 16.1560 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 149.9950, 16.7320, 16.1560

Background



This preview shows how black text looks on a background with the YIQ color 149.9950, 16.7320, 16.1560.



This preview shows how white text looks on a background with the YIQ color 149.9950, 16.7320,

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

149.9950, 16.7320, 16.1560

Protanopia

147.6820, -7.6120, 5.7960

Deuteranopia

148.5970, 2.9330, 7.4210



Tritanopia

149.6160, 19.1170, 11.4770

Trichromacy



Original Color

149.9950, 16.7320, 16.1560

Protanomaly

148.5800, 1.6030, 9.4990

Deuteranomaly

148.9290, 7.9300, 10.4740

Tritanomaly

149.4850, 18.1080, 13.2440

Monochromacy



Original Color

149.9950, 16.7320, 16.1560

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.0980, 5.7760, 5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9950, 16.7320, 16.1560 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(176, 135, 159)` looks like.

```
.text, #text, p{  
    color:rgb(176, 135, 159)  
}
```

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(176, 135, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 135, 159) }
```

Border

The CSS property to change the border of an element to YIQ 149.9950, 16.7320, 16.1560 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(176, 135, 159) }
```


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

```
.border{ border-color:rgb(176, 135, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 135, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 135, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 135, 159);  
box-shadow:4px 4px 4px 4px rgb(176, 135,  
159) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9950, 16.7320, 16.1560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 135, 159) }
```

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

```
.background{ background-color: rgb(176,  
135, 159) }
```

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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