

Converting Colors

XYZ(35.0260, 28.1233, 35.9746)

Have a look what the booklet for
XYZ(35.0260, 28.1233, 35.9746)
contains.

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Color

**XYZ(34.8651, 27.9603,
35.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7C9E
RGB	191, 124, 158
RGB Percent	75%, 49%, 62%
CMY	0.2510, 0.5137, 0.3804
CMYK	0.00, 0.35, 0.17, 0.25
HSL	330°, 34%, 62%
HSV	330°, 35%, 75%
XYZ	34.8651, 27.9603, 35.9070
YIQ	147.9090, 29.0180, 24.7780

Conversions

Conversions Part 2

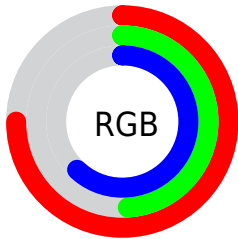
Format	Color
RYB	191, 124, 158
Decimal	12549278
CIELab	59.85, 30.97, -7.40
CIELCh	60, 31.840, 346.568
Yxy	27.9603, 0.3531, 0.2832
Android (android.graphics.Color)	4290739358 (0xFFBF7C9E)
YUV	147.9090, 4.9749, 37.7908
Hunter-Lab	52.8775, 25.1594, -3.2472

Details

The XYZ color **34.8651, 27.9603, 35.9070** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.0300, 43.9819, 38.6489**, and the grayscale version is **28.0826, 29.5450, 32.1746**.

A 20% lighter version of the original color is **66.4438, 56.2048, 70.2974**, and **15.2560, 11.1933, 15.2664** is the 20% darker color. If you saturate the color by 10%, you get **31.9203, 23.3171, 31.0818**, and if you desaturate by 10%, it is **38.3372, 33.5580, 41.2144**.

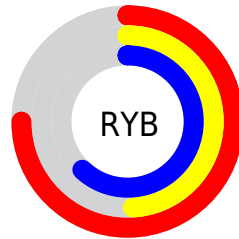
Distribution



Red (75%)

Green (49%)

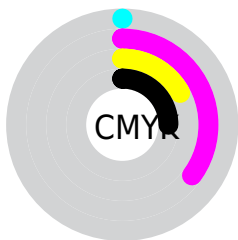
Blue (62%)



Red (75%)

Yellow (49%)

Blue (62%)

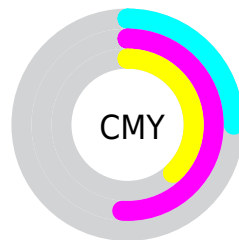


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (51%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8651, 27.9603, 35.9070 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 XYZ color 34.8651, 27.9603, 35.9070 by changing the saturation by 10% instead.


 34.8651, 27.9603,
35.9070


 34.8651, 27.9603,
35.9070


315.4909,
292.2772, 343.5790


 23.7250, 18.2957,
24.0733


 66.6121, 56.4211,
70.0559

 15.2534, 11.1625,
15.1753


 87.9498, 75.9860,
93.2082

 9.0849, 6.1763,
8.7945

 113.4173, 99.6199,
120.9704

 4.8541, 2.9526,
4.5124

143.3801,
127.7072, 153.7610

 2.1958, 1.1070,
1.9104

178.2035,
160.6321, 191.9987

 0.7405, 0.0000,
0.4994

218.2529,

 0.0000, 0.0000,

198.7792, 236.1018

0.0000

263.8936,
242.5327, 286.4891

■ 34.8651, 27.9603,
35.9070

■ 34.8651, 27.9603,
35.9070

■ 31.9203, 23.3171,
31.0818

■ 38.3372, 33.5580,
41.2144

■ 29.4720, 19.5704,
26.7210

■ 42.3601, 40.1564,
47.0177

■ 27.4900, 16.6614,
22.8076


■ 46.9589, 47.8031,
53.3318


■ 25.9395, 14.5232,
19.3228


■ 52.1563, 56.5417,
60.1705


■ 24.7804, 13.0779,
16.2457


■ 57.9740, 66.4132,
67.5471


 23.9643, 12.2311,
13.5520

 64.4321, 77.4566,
75.4742

 23.6400, 11.9380,
12.3480

 70.6812, 87.9705,
83.6743

 71.9920, 88.4948,
90.5765

 73.3744, 89.0478,
97.8563

Harmonies

Analogous

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



32.6218, 27.9603, 48.4327



34.8651, 27.9603, 35.9070



34.7335, 27.9603, 24.5335

Triad

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



34.8651, 27.9603, 35.9070



24.4224, 27.9603, 13.7178



21.5870, 27.9603, 49.6146

Complementary

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



34.8651, 27.9603, 35.9070



33.0300, 43.9819, 38.6489

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.



19.8066, 27.9603, 37.2349



34.8651, 27.9603, 35.9070



21.3265, 27.9603, 17.5728

Square

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



34.8651, 27.9603, 35.9070



28.4201, 27.9603, 13.5335



19.7164, 27.9603, 25.5653



24.8123, 27.9603, 57.5975

Rectangle

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



34.8651, 27.9603, 35.9070



33.3117, 27.9603, 19.0251



19.7164, 27.9603, 25.5653



20.8146, 27.9603, 45.7060

Sweetspot

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



34.8659, 27.9616, 35.9076



78.9555, 77.0361, 88.5108



30.3975, 25.2846, 52.5690



17.0954, 16.5141, 19.1004



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.8659, 27.9616, 35.9076



58.3576, 43.6157, 57.6741



32.4037, 26.9767, 22.9419



9.7267, 9.6150, 10.9499



15.5765, 7.8618, 8.3296



0.6431, 0.3211, 0.5000

Inverse Universe

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



34.8659, 27.9616, 35.9076



58.3576, 43.6157, 57.6741



36.2254, 45.2600, 55.4756



9.7267, 9.6150, 10.9499



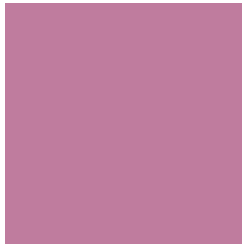
15.5765, 7.8618, 8.3296



0.6431, 0.3211, 0.5000

Previews

White Background



This preview shows how the XYZ color 34.8651, 27.9603, 35.9070 looks on a white background.

Color Contrast Check

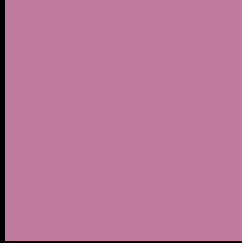
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.8651, 27.9603, 35.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

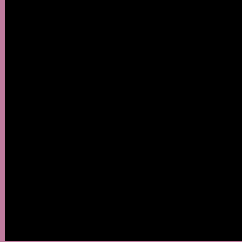
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8651, 27.9603, 35.9070

Background



This preview shows how black text looks on a background with the XYZ color 34.8651, 27.9603, 35.9070.



This preview shows how white text looks on a background with the XYZ color 34.8651, 27.9603,

35.9070.

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

34.8651, 27.9603, 35.9070

Protanopia

27.7256, 28.0362, 41.9804

Deuteranopia

28.6209, 27.9927, 34.9050



Tritanopia

33.2208, 28.0633, 27.3327

Trichromacy



Original Color

34.8651, 27.9603, 35.9070

Protanomaly

29.7876, 27.6306, 39.8397

Deuteranomaly

30.4622, 27.6660, 35.1870

Tritanomaly

33.9354, 28.1702, 30.4369

Monochromacy



Original Color

34.8651, 27.9603, 35.9070

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.2100, 28.6247, 33.6387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8651, 27.9603, 35.9070 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(191, 124, 158)` looks like.

```
.text, #text, p{  
    color:rgb(191, 124, 158)  
}
```

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(191, 124, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 124, 158) }
```

Border

The CSS property to change the border of an element to XYZ 34.8651, 27.9603, 35.9070 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(191, 124, 158) }
```


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

```
.border{ border-color:rgb(191, 124, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 124, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 124, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 124, 158);  
box-shadow:4px 4px 4px 4px rgb(191, 124,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8651, 27.9603, 35.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 124, 158) }
```

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

```
.background{ background-color: rgb(191,  
124, 158) }
```

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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