

Converting Colors

XYZ(35.0047, 26.8698, 27.2709)

Have a look what the booklet for
XYZ(35.0047, 26.8698, 27.2709)
contains.

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Color

**XYZ(34.9202, 26.7433,
27.3662)**

Conversions

Conversions Part 1

Format	Color
Hex	C9748A
RGB	201, 116, 138
RGB Percent	79%, 45%, 54%
CMY	0.2118, 0.5451, 0.4588
CMYK	0.00, 0.42, 0.31, 0.21
HSL	344°, 44%, 62%
HSV	344°, 42%, 79%
XYZ	34.9202, 26.7433, 27.3662
YIQ	143.9230, 43.5980, 24.8620

Conversions

Conversions Part 2

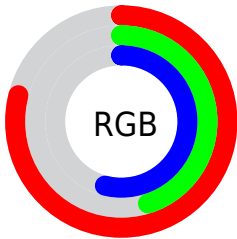
Format	Color
R _Y B	201, 116, 138
Decimal	13202570
CIE Lab	58.74, 35.97, 2.64
CIE LCh	59, 36.069, 4.196
Yxy	26.7433, 0.3922, 0.3004
Android (android.graphics.Color)	4291392650 (0xFFC9748A)
YUV	143.9230, -2.9200, 50.0565
Hunter-Lab	51.7139, 30.0340, 4.8244

Details

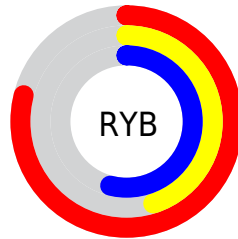
The XYZ color **34.9202, 26.7433, 27.3662** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.2270, 48.7415, 50.1492**, and the grayscale version is **26.4781, 27.8570, 30.3363**.

A 20% lighter version of the original color is **64.8319, 53.3975, 56.1800**, and **15.3288, 10.5049, 10.4523** is the 20% darker color. If you saturate the color by 10%, you get **31.8432, 22.1987, 21.3789**, and if you desaturate by 10%, it is **38.6479, 32.3522, 34.3010**.

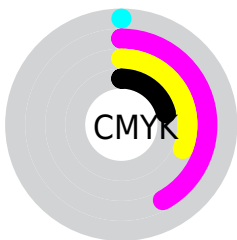
Distribution



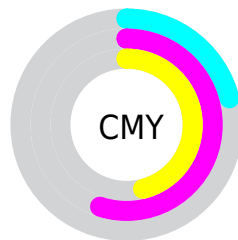
- Red (79%)
- Green (45%)
- Blue (54%)



- Red (79%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (42%)
- Yellow (31%)
- Black (21%)





- Cyan (21%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9202, 26.7433, 27.3662 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 34.9202, 26.7433, 27.3662 by changing the saturation by 10% instead.


 34.9202, 26.7433,
27.3662


 34.9202, 26.7433,
27.3662


315.7302,
286.4121, 303.2419


 23.7676, 17.3805,
17.6136


 66.6970, 54.4717,
56.4818

 15.2851, 10.5062,
10.5064


 88.0519, 73.6061,
76.6819

 9.1074, 5.7358,
5.6260


 113.5383, 96.7664,
101.2015

 4.8690, 2.6851,
2.5539

143.5215,
124.3372, 130.4592

 2.2045, 0.9696,
0.8685

178.3670,
156.7028, 164.8736

 0.7451, 0.0000,
0.0000

218.4400,

 0.0000, 0.0000,

194.2475, 204.8631

0.0000

264.1059,
237.3558, 250.8464

■ 34.9202, 26.7433,
27.3662

■ 34.9202, 26.7433,
27.3662

■ 31.8432, 22.1987,
21.3789

■ 38.6479, 32.3522,
34.3010

■ 29.3761, 18.6467,
16.2952

■ 43.0594, 39.0832,
42.2214

■ 27.4767, 16.0131,
12.0696


■ 48.1884, 46.9945,
51.1652


■ 26.0962, 14.2114,
8.6521


■ 54.0653, 56.1392,
61.1677


■ 25.1769, 13.1382,
5.9864

■ 60.7190, 66.5672,
72.2625

 24.7076, 12.6656,
4.3931

 68.1768, 78.3255,
84.4818

 75.9180, 90.3658,
97.6740

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



33.9063, 26.7433, 41.1126



34.9202, 26.7433, 27.3662



33.1550, 26.7433, 17.4247

Triad

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



34.9202, 26.7433, 27.3662



20.9157, 26.7433, 13.2149



21.8803, 26.7433, 57.1470

Complementary

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



34.9202, 26.7433, 27.3662



36.2270, 48.7415, 50.1492

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.



18.9905, 26.7433, 45.1372



34.9202, 26.7433, 27.3662



18.4807, 26.7433, 19.7191

Square

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



34.9202, 26.7433, 27.3662



24.7991, 26.7433, 10.9064



17.8189, 26.7433, 30.9449



26.0485, 26.7433, 60.9474

Rectangle

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



34.9202, 26.7433, 27.3662



30.7480, 26.7433, 13.4488



17.8189, 26.7433, 30.9449



20.7438, 26.7433, 53.7932

Sweetspot

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



34.9209, 26.7446, 27.3667



81.6647, 79.1602, 86.1541



35.2257, 26.2138, 58.4615



17.0410, 16.2651, 17.6815



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.9209, 26.7446, 27.3667



54.7910, 38.4041, 37.1462



36.0214, 31.2412, 20.6564



10.7446, 10.6812, 11.6386



15.5673, 7.9765, 2.9316



0.7677, 0.3899, 0.3001

Inverse Universe

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



34.9209, 26.7446, 27.3667



54.7910, 38.4041, 37.1462



34.3039, 41.0465, 61.3731



10.7446, 10.6812, 11.6386



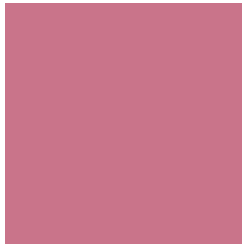
15.5673, 7.9765, 2.9316



0.7677, 0.3899, 0.3001

Previews

White Background



This preview shows how the XYZ color 34.9202, 26.7433, 27.3662 looks on a white background.

Color Contrast Check

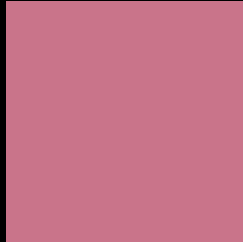
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9202, 26.7433, 27.3662 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 34.9202, 26.7433, 27.3662

Background



This preview shows how black text looks on a background with the XYZ color 34.9202, 26.7433, 27.3662.



This preview shows how white text looks on a background with the XYZ color 34.9202, 26.7433,

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

34.9202, 26.7433, 27.3662

Protanopia

26.1769, 26.9795, 33.5337

Deuteranopia

27.3493, 26.8817, 26.3015



Tritanopia

34.1286, 26.7685, 23.4467

Trichromacy



Original Color

34.9202, 26.7433, 27.3662

Protanomaly

28.6220, 26.3956, 31.1901

Deuteranomaly

29.6790, 26.4485, 26.4625

Tritanomaly

34.2774, 26.6406, 24.8083

Monochromacy



Original Color

34.9202, 26.7433, 27.3662

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.9246, 27.0025, 29.2787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9202, 26.7433, 27.3662 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, 116, 138)` looks like.

```
.text, #text, p{  
    color:rgb(201, 116, 138)  
}
```

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, 116, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 116, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.9202, 26.7433, 27.3662 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, 116, 138) }
```


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

```
.border{ border-color:rgb(201, 116, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 116, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 116, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 116, 138);  
box-shadow:4px 4px 4px 4px rgb(201, 116,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9202, 26.7433, 27.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 116, 138) }
```

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

```
.background{ background-color: rgb(201,  
116, 138) }
```

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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