

Converting Colors

XYZ(34.8170, 29.5641, 33.4414)

Have a look what the booklet for
XYZ(34.8170, 29.5641, 33.4414)
contains.

XYZ(34.9050, 29.5883, 33.5772)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.9050, 29.5883,
33.5772)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8498
RGB	189, 132, 152
RGB Percent	74%, 52%, 60%
CMY	0.2588, 0.4823, 0.4039
CMYK	0.00, 0.30, 0.20, 0.26
HSL	339°, 30%, 63%
HSV	339°, 30%, 74%
XYZ	34.9050, 29.5883, 33.5772
YIQ	151.3230, 27.5520, 18.3040

Conversions

Conversions Part 2

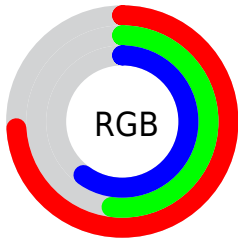
Format	Color
R_{YB}	189, 132, 152
Decimal	12420248
CIE _{Lab}	61.30, 24.88, -1.85
CIE _{LCh}	61, 24.948, 355.747
Yxy	29.5883, 0.3559, 0.3017
Android (android.graphics.Color)	4290610328 (0xFFBD8498)
YUV	151.3230, 0.3338, 33.0427
Hunter-Lab	54.3951, 19.3508, 1.4779

Details

The XYZ color **34.9050, 29.5883, 33.5772** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8759, 44.1660, 44.2249**, and the grayscale version is **29.5448, 31.0834, 33.8498**.

A 20% lighter version of the original color is **66.7055, 59.1669, 66.2971**, and **15.3579, 12.1251, 13.8428** is the 20% darker color. If you saturate the color by 10%, you get **31.6170, 24.5380, 27.7773**, and if you desaturate by 10%, it is **38.7629, 35.6115, 40.0807**.

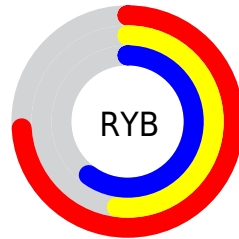
Distribution



Red (74%)

Green (52%)

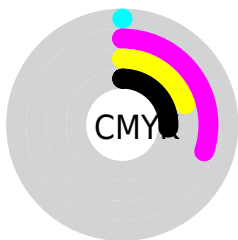
Blue (60%)



Red (74%)

Yellow (52%)

Blue (60%)

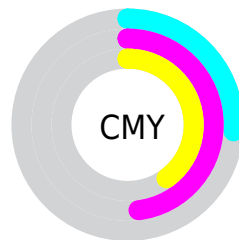


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (48%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9050, 29.5883, 33.5772 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 34.9050, 29.5883, 33.5772 by changing the saturation by 10% instead.


 34.9050, 29.5883,
33.5772


 34.9050, 29.5883,
33.5772


315.6642,
299.9807, 332.9541


 23.7559, 19.5263,
22.2943


 66.6736, 59.0105,
66.4020

 15.2764, 12.0512,
13.8729


 88.0237, 79.1395,
88.7809

 9.1012, 6.7785,
7.8946


 113.5049,
103.3929, 115.6956

 4.8649, 3.3240,
3.9408

143.4825,
132.1552, 147.5646

 2.2021, 1.3031,
1.5929

178.3219,
165.8107, 184.8064

 0.7439, 0.1436,
0.2857

218.3884,

 0.0000, 0.0000,

204.7439, 227.8395

0.0000

264.0474,
249.3391, 277.0826

■ 34.9050, 29.5883,
33.5772

■ 34.9050, 29.5883,
33.5772

■ 31.6170, 24.5380,
27.7773

■ 38.7629, 35.6115,
40.0807

■ 28.8683, 20.4051,
22.6542

■ 43.2145, 42.6511,
47.3095

■ 26.6288, 17.1347,
18.1819


■ 48.2850, 50.7530,
55.2866


■ 24.8646, 14.6643,
14.3320


■ 53.9978, 59.9588,
64.0335


■ 23.5372, 12.9230,
11.0735

■ 60.3745, 70.3083,
73.5706


 22.6016, 11.8270,
8.3721

 67.4362, 81.8388,
83.9178

 21.9789, 11.2159,
6.2086

 72.1621, 88.5052,
94.0804

 74.0259, 89.2507,
103.8950

 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



33.6744, 29.5883, 43.5108



34.9050, 29.5883, 33.5772



34.2055, 29.5883, 24.9791

Triad

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



34.9050, 29.5883, 33.5772



25.4668, 29.5883, 18.5135



24.7148, 29.5883, 49.6046

Complementary

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



34.9050, 29.5883, 33.5772



34.8759, 44.1660, 44.2249

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.



22.8077, 29.5883, 40.7324



34.9050, 29.5883, 33.5772



23.2176, 29.5883, 23.0684

Square

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



34.9050, 29.5883, 33.5772



28.5939, 29.5883, 17.3324



22.2815, 29.5883, 30.8933



27.6569, 29.5883, 53.8374

Rectangle

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



34.9050, 29.5883, 33.5772



32.7657, 29.5883, 20.9174



22.2815, 29.5883, 30.8933



23.9406, 29.5883, 46.9910

Sweetspot

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



34.9058, 29.5897, 33.5778



78.2651, 77.7692, 86.1158



33.6074, 28.5139, 51.8768



16.5625, 16.2976, 18.0910



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.9058, 29.5897, 33.5778



58.6210, 46.9928, 53.3268



34.4719, 31.1256, 26.0224



9.6647, 9.5902, 10.6232



14.8211, 7.5596, 4.3515



0.6120, 0.3087, 0.3360

Inverse Universe

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



34.9058, 29.5897, 33.5778



58.6210, 46.9928, 53.3268



35.3073, 41.7911, 54.3500



9.6647, 9.5902, 10.6232



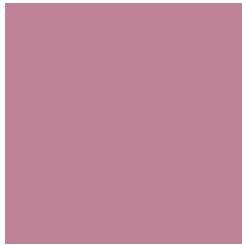
14.8211, 7.5596, 4.3515



0.6120, 0.3087, 0.3360

Previews

White Background



This preview shows how the XYZ color 34.9050, 29.5883, 33.5772 looks on a white background.

Color Contrast Check

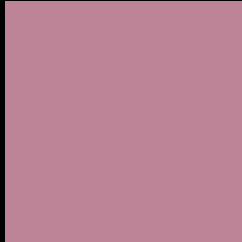
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9050, 29.5883, 33.5772 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 34.9050, 29.5883, 33.5772

Background



This preview shows how black text looks on a background with the XYZ color 34.9050, 29.5883, 33.5772.



This preview shows how white text looks on a background with the XYZ color 34.9050, 29.5883,

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

34.9050, 29.5883, 33.5772

Protanopia

28.8994, 29.6437, 37.9169

Deuteranopia

30.3786, 29.8299, 33.0108



Tritanopia

34.1606, 29.4800, 30.2753

Trichromacy



Original Color

34.9050, 29.5883, 33.5772

Protanomaly

30.7448, 29.4960, 36.4206

Deuteranomaly

31.9773, 29.7612, 33.3373

Tritanomaly

34.3930, 29.5730, 31.4992

Monochromacy



Original Color

34.9050, 29.5883, 33.5772

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.0762, 30.1802, 33.4656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9050, 29.5883, 33.5772 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(189, 132, 152)` looks like.

```
.text, #text, p{  
    color:rgb(189, 132, 152)  
}
```

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(189, 132, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 132, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.9050, 29.5883, 33.5772 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(189, 132, 152) }
```


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

```
.border{ border-color:rgb(189, 132, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 132, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 132, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 132, 152);  
box-shadow:4px 4px 4px 4px rgb(189, 132,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9050, 29.5883, 33.5772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 132, 152) }
```

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

```
.background{ background-color: rgb(189,  
132, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor