

Converting Colors

XYZ(34.9558, 29.1060, 33.1724)

Have a look what the booklet for
XYZ(34.9558, 29.1060, 33.1724)
contains.

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Color

**XYZ(34.9220, 29.0112,
33.0373)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8197
RGB	191, 129, 151
RGB Percent	75%, 51%, 59%
CMY	0.2510, 0.4941, 0.4078
CMYK	0.00, 0.32, 0.21, 0.25
HSL	339°, 33%, 63%
HSV	339°, 32%, 75%
XYZ	34.9220, 29.0112, 33.0373
YIQ	150.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

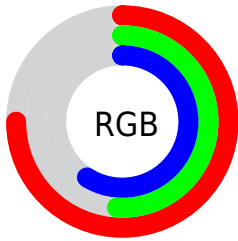
Format	Color
R_{YB}	191, 129, 151
Decimal	12550551
CIE _{Lab}	60.79, 27.12, -1.99
CIE _{LCh}	61, 27.191, 355.794
Yxy	29.0112, 0.3601, 0.2992
Android (android.graphics.Color)	4290740631 (0xFFBF8197)
YUV	150.0460, 0.4703, 35.9167
Hunter-Lab	53.8620, 21.4737, 1.3368

Details

The XYZ color **34.9220, 29.0112, 33.0373** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8467, 44.7940, 44.3477**, and the grayscale version is **28.9988, 30.5090, 33.2243**.

A 20% lighter version of the original color is **66.6643, 58.2312, 65.4838**, and **15.2496, 11.7463, 13.5201** is the 20% darker color. If you saturate the color by 10%, you get **31.6883, 24.0624, 27.2771**, and if you desaturate by 10%, it is **38.7323, 34.9451, 39.5065**.

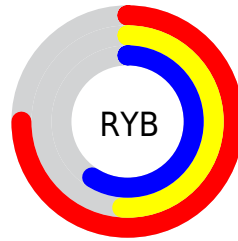
Distribution



Red (75%)

Green (51%)

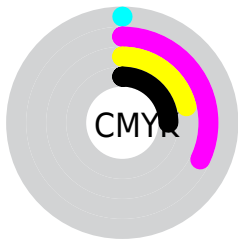
Blue (59%)



Red (75%)

Yellow (51%)

Blue (59%)

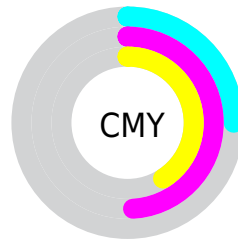


Cyan (0%)

Magenta (32%)

Yellow (21%)

Black (25%)



Cyan (25%)


Magenta (49%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9220, 29.0112, 33.0373 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 34.9220, 29.0112, 33.0373 by changing the saturation by 10% instead.


 34.9220, 29.0112,
33.0373


 34.9220, 29.0112,
33.0373


315.7380,
297.2678, 330.4549


 23.7690, 19.0893,
21.8837


 66.6997, 58.0949,
65.5504

 15.2862, 11.7348,
13.5739


 88.0552, 78.0254,
87.7470

 9.1081, 6.5634,
7.6896


 113.5422,
102.0610, 114.4617

 4.8694, 3.1906,
3.8121

143.5262,
130.5860, 146.1130

 2.2048, 1.2320,
1.5228

178.3723,
163.9848, 183.1194

 0.7453, 0.0876,
0.2348

218.4461,

 0.0000, 0.0000,

202.6417, 225.8995

0.0000

264.1129,
246.9413, 274.8718

■ 34.9220, 29.0112,
33.0373

■ 34.9220, 29.0112,
33.0373

■ 31.6883, 24.0624,
27.2771

■ 38.7323, 34.9451,
39.5065

■ 28.9992, 20.0407,
22.1986

■ 43.1438, 41.9096,
46.7071

■ 26.8233, 16.8886,
17.7749


■ 48.1831, 49.9524,
54.6627


■ 25.1249, 14.5402,
13.9768


■ 53.8740, 59.1169,
63.3952


■ 23.8633, 12.9201,
10.7721


■ 60.2392, 69.4442,
72.9256

 22.9902, 11.9382,
8.1251

 67.3004, 80.9733,
83.2741

 22.5223, 11.4909,
6.4626

 72.5706, 88.7263,
93.6242

 74.4366, 89.4727,
103.4503

 75.2960, 89.8164,
107.9755

Harmonies

Analogous

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



33.5849, 29.0112, 43.8411



34.9220, 29.0112, 33.0373



34.1565, 29.0112, 23.8539

Triad

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



34.9220, 29.0112, 33.0373



24.7217, 29.0112, 17.1057



23.9277, 29.0112, 50.5724

Complementary

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



34.9220, 29.0112, 33.0373



34.8467, 44.7940, 44.3477

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.



21.8971, 29.0112, 40.8363



34.9220, 29.0112, 33.0373



22.3273, 29.0112, 21.8618

Square

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



34.9220, 29.0112, 33.0373



28.0757, 29.0112, 15.8826



21.3371, 29.0112, 30.1822



27.0789, 29.0112, 55.2449

Rectangle

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



34.9220, 29.0112, 33.0373



32.5890, 29.0112, 19.5902



21.3371, 29.0112, 30.1822



23.1023, 29.0112, 47.6941

Sweetspot

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



34.9228, 29.0126, 33.0379



79.2454, 78.1993, 86.8085



33.4606, 27.8177, 52.8962



17.1317, 16.7427, 18.6318



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.



34.9228, 29.0126, 33.0379



58.2978, 45.4410, 51.6582



34.4329, 30.6299, 24.8679



9.6662, 9.5908, 10.6314



14.8363, 7.5657, 4.4318



0.6127, 0.3090, 0.3396

Inverse Universe

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



34.9228, 29.0126, 33.0379



58.2978, 45.4410, 51.6582



35.3367, 42.1866, 55.5708



9.6662, 9.5908, 10.6314



14.8363, 7.5657, 4.4318



0.6127, 0.3090, 0.3396

Previews

White Background



This preview shows how the XYZ color 34.9220, 29.0112, 33.0373 looks on a white background.

Color Contrast Check

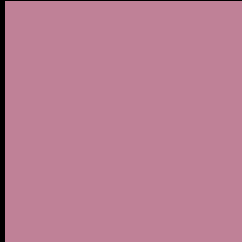
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9220, 29.0112, 33.0373 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 34.9220, 29.0112, 33.0373

Background



This preview shows how black text looks on a background with the XYZ color 34.9220, 29.0112, 33.0373.



This preview shows how white text looks on a background with the XYZ color 34.9220, 29.0112,

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

34.9220, 29.0112, 33.0373

Protanopia

28.3890, 29.1507, 37.8486

Deuteranopia

29.5950, 28.9895, 32.4695



Tritanopia

34.1592, 29.1028, 29.0163

Trichromacy



Original Color

34.9220, 29.0112, 33.0373

Protanomaly

30.3642, 28.8719, 35.8708

Deuteranomaly

31.2453, 28.7513, 32.7569

Tritanomaly

34.3287, 28.9567, 30.5680

Monochromacy



Original Color

34.9220, 29.0112, 33.0373

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.6951, 29.5473, 32.9396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9220, 29.0112, 33.0373 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, 129, 151)` looks like.

```
.text, #text, p{  
    color:rgb(191, 129, 151)  
}
```

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, 129, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 129, 151) }
```

Border

The CSS property to change the border of an element to XYZ 34.9220, 29.0112, 33.0373 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, 129, 151) }
```


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

```
.border{ border-color:rgb(191, 129, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 129, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 129, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 129, 151);  
box-shadow:4px 4px 4px 4px rgb(191, 129,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9220, 29.0112, 33.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 129, 151) }
```

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

```
.background{ background-color: rgb(191,  
129, 151) }
```

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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