

Converting Colors

XYZ(34.2119, 28.7129, 38.8609)

Have a look what the booklet for XYZ(34.2119, 28.7129, 38.8609) contains.

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Color

**XYZ(34.2119, 28.7129,
38.8609)**

Conversions

Conversions Part 1

Format	Color
Hex	B782A4
RGB	183, 130, 164
RGB Percent	72%, 51%, 64%
CMY	0.2824, 0.4902, 0.3569
CMYK	0.00, 0.29, 0.10, 0.28
HSL	322°, 27%, 61%
HSV	322°, 29%, 72%
XYZ	34.2119, 28.7129, 38.8609
YIQ	149.7230, 20.6740, 21.8100

Conversions

Conversions Part 2

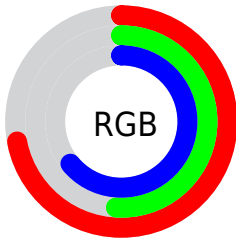
Format	Color
RYB	183, 130, 164
Decimal	12026532
CIELab	60.53, 25.81, -9.92
CIELCh	61, 27.654, 338.972
Yxy	28.7129, 0.3361, 0.2821
Android (android.graphics.Color)	4290216612 (0xFFB782A4)
YUV	149.7230, 7.0386, 29.1839
Hunter-Lab	53.5844, 20.1937, -5.4897

Details

The XYZ color **34.2119, 28.7129, 38.8609** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.5654, 40.7835, 34.6440**, and the grayscale version is **28.8378, 30.3396, 33.0399**.

A 20% lighter version of the original color is **65.6548, 57.5067, 74.6574**, and **14.8466, 11.5743, 16.7808** is the 20% darker color. If you saturate the color by 10%, you get **31.4137, 24.0400, 35.0800**, and if you desaturate by 10%, it is **37.4753, 34.2664, 42.9483**.

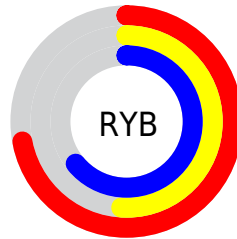
Distribution



Red (72%)

Green (51%)

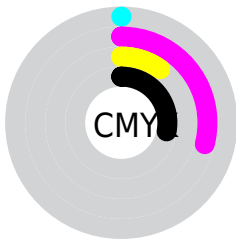
Blue (64%)



Red (72%)

Yellow (51%)

Blue (64%)

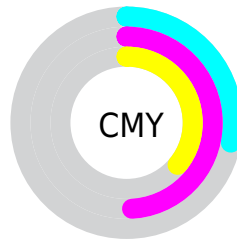


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (49%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2119, 28.7129, 38.8609 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 34.2119, 28.7129, 38.8609 by changing the saturation by 10% instead.

 34.2119, 28.7129,
38.8609


 34.2119, 28.7129,
38.8609


312.6452,
295.8579, 356.7070


 23.2201, 18.8637,
26.3445


 65.6052, 57.6206,
74.6438

 14.8777, 11.5719,
16.8535


 86.7373, 77.4480,
98.7474

 8.8194, 6.4529,
9.9692

 111.9803,
101.3702, 127.5504

 4.6797, 3.1224,
5.2732

141.6995,
129.7717, 161.4715

 2.0934, 1.1959,
2.3469

176.2602,
163.0368, 200.9292

 0.6856, 0.0584,
0.7573

216.0278,

 0.0000, 0.0000,

201.5499, 246.3420

0.0000

261.3677,
245.6955, 298.1284

■ 34.2119, 28.7129,
38.8609

■ 34.2119, 28.7129,
38.8609

■ 31.4137, 24.0400,
35.0800

■ 37.4753, 34.2664,
42.9483

■ 29.0546, 20.1977,
31.5939

■ 41.2230, 40.7394,
47.3498

■ 27.1102, 17.1370,
28.3921

■ 45.4762, 48.1729,
52.0750

■ 25.5520, 14.8023,
25.4631

■ 50.2539, 56.6044,
57.1323

■ 24.3480, 13.1301,
22.7937

■ 55.5743, 66.0696,
62.5299

■ 23.4608, 12.0463,
20.3688

■ 61.4545, 76.6020,
68.2755

■ 22.8237, 11.4185,
18.1639

■ 66.9123, 86.2369,
74.0437

■ 22.7626, 11.3610,
17.9439

■ 67.7464, 86.5705,
78.4360

■ 68.6144, 86.9177,
83.0068

Harmonies

Analogous

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



31.8393, 28.7129, 49.1719



34.2119, 28.7129, 38.8609



34.6475, 28.7129, 28.2970

Triad

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



34.2119, 28.7129, 38.8609



26.2343, 28.7129, 15.5889



22.2947, 28.7129, 45.3281

Complementary

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



34.2119, 28.7129, 38.8609



31.5654, 40.7835, 34.6440

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.



21.0568, 28.7129, 34.4303



34.2119, 28.7129, 38.8609



23.1974, 28.7129, 18.3357

Square

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



34.2119, 28.7129, 38.8609



29.8285, 28.7129, 16.2705



21.3723, 28.7129, 24.7270



24.9012, 28.7129, 53.4355

Rectangle

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



34.2119, 28.7129, 38.8609



33.7468, 28.7129, 22.6757



21.3723, 28.7129, 24.7270



21.7155, 28.7129, 41.7845

Sweetspot

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



34.2128, 28.7142, 38.8615



73.6940, 72.7280, 84.6477



28.8436, 25.7330, 48.2469



16.0496, 15.6690, 18.4355



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.2128, 28.7142, 38.8615



57.8656, 45.7145, 65.0572



32.0960, 27.8675, 27.7146



9.2405, 9.1066, 10.6141



15.9131, 7.9390, 12.6952



0.5894, 0.2912, 0.5971

Inverse Universe

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



34.2128, 28.7142, 38.8615



57.8656, 45.7145, 65.0572



33.8832, 41.7106, 46.8490



9.2405, 9.1066, 10.6141



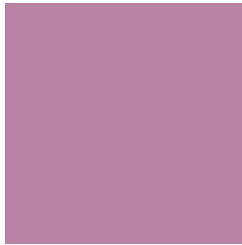
15.9131, 7.9390, 12.6952



0.5894, 0.2912, 0.5971

Previews

White Background



This preview shows how the XYZ color 34.2119, 28.7129, 38.8609 looks on a white background.

Color Contrast Check

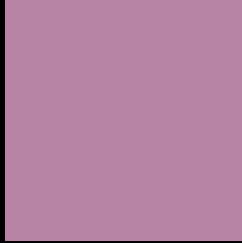
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2119, 28.7129, 38.8609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

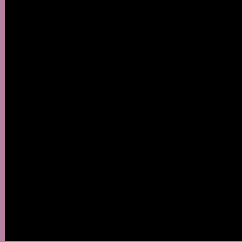
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2119, 28.7129, 38.8609

Background



This preview shows how black text looks on a background with the XYZ color 34.2119, 28.7129, 38.8609.



This preview shows how white text looks on a background with the XYZ color 34.2119, 28.7129,

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

34.2119, 28.7129, 38.8609

Protanopia

28.5806, 28.8822, 44.1129

Deuteranopia

29.3315, 28.7269, 38.1813



Tritanopia

32.6152, 28.8876, 30.2424

Trichromacy



Original Color

34.2119, 28.7129, 38.8609

Protanomaly

30.3441, 28.7264, 41.9756

Deuteranomaly

31.0092, 28.7138, 38.5583

Tritanomaly

33.2648, 28.9545, 33.1137

Monochromacy



Original Color

34.2119, 28.7129, 38.8609

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.6391, 29.6929, 35.1268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2119, 28.7129, 38.8609 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(183, 130, 164)` looks like.

```
.text, #text, p{  
    color:rgb(183, 130, 164)  
}
```

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(183, 130, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 130, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.2119, 28.7129, 38.8609 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(183, 130, 164) }
```


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

```
.border{ border-color:rgb(183, 130, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 130, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 130, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 130, 164);  
box-shadow:4px 4px 4px 4px rgb(183, 130,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2119, 28.7129, 38.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 130, 164) }
```

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

```
.background{ background-color: rgb(183,  
130, 164) }
```

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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