

Converting Colors

XYZ(34.3495, 28.9204, 35.4302)

Have a look what the booklet for
XYZ(34.3495, 28.9204, 35.4302)
contains.

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Color

**XYZ(34.2331, 28.8047,
35.2081)**

Conversions

Conversions Part 1

Format	Color
Hex	BA829C
RGB	186, 130, 156
RGB Percent	73%, 51%, 61%
CMY	0.2706, 0.4902, 0.3882
CMYK	0.00, 0.30, 0.16, 0.27
HSL	332°, 29%, 62%
HSV	332°, 30%, 73%
XYZ	34.2331, 28.8047, 35.2081
YIQ	149.7080, 25.0300, 19.9580

Conversions

Conversions Part 2

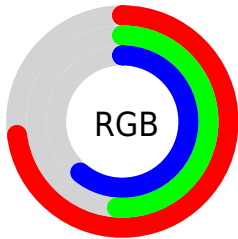
Format	Color
RYB	186, 130, 156
Decimal	12223132
CIELab	60.61, 25.53, -5.19
CIELCh	61, 26.057, 348.510
Yxy	28.8047, 0.3484, 0.2932
Android (android.graphics.Color)	4290413212 (0xFFBA829C)
YUV	149.7080, 3.1020, 31.8281
Hunter-Lab	53.6700, 19.9327, -1.3259

Details

The XYZ color **34.2331, 28.8047, 35.2081** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1112, 42.4025, 39.6991**, and the grayscale version is **28.8463, 30.3486, 33.0496**.

A 20% lighter version of the original color is **65.5285, 57.5748, 68.6321**, and **14.9342, 11.6628, 14.8286** is the 20% darker color. If you saturate the color by 10%, you get **31.1696, 23.9730, 30.1932**, and if you desaturate by 10%, it is **37.8147, 34.5611, 40.7379**.

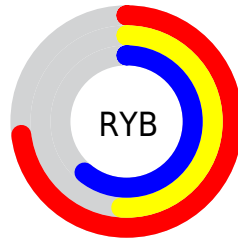
Distribution



Red (73%)

Green (51%)

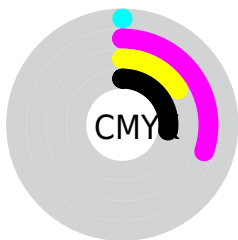
Blue (61%)



Red (73%)

Yellow (51%)

Blue (61%)

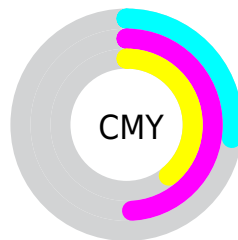


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (49%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2331, 28.8047, 35.2081 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 34.2331, 28.8047, 35.2081 by changing the saturation by 10% instead.


 34.2331, 28.8047,
35.2081


 34.2331, 28.8047,
35.2081


312.7378,
296.2924, 340.4180


 23.2365, 18.9331,
23.5384

 65.6379, 57.7666,
68.9632

 14.8899, 11.6220,
14.7825


 86.7767, 77.6258,
91.8858

 8.8279, 6.4868,
8.5220


 112.0270,
101.5830, 119.3963

 4.6853, 3.1433,
4.3382

141.7542,
130.0225, 151.9134

 2.0967, 1.2070,
1.8127

176.3235,
163.3288, 189.8555

 0.6874, 0.0674,
0.4363

216.1003,

 0.0000, 0.0000,

201.8863, 233.6414

0.0000

261.4499,
246.0794, 283.6893

■ 34.2331, 28.8047,
35.2081

■ 34.2331, 28.8047,
35.2081

■ 31.1696, 23.9730,
30.1932

■ 37.8147, 34.5611,
40.7379

■ 28.5961, 20.0132,
25.6748

■ 41.9357, 41.2836,
46.7967

■ 26.4851, 16.8732,
21.6355

■ 46.6195, 49.0156,
53.4001

■ 24.8055, 14.4936,
18.0562

■ 51.8870, 57.7968,
60.5626

■ 23.5222, 12.8069,
14.9160

■ 57.7583, 67.6650,
68.2980

■ 22.5938, 11.7334,
12.1914

■ 64.2522, 78.6556,
76.6195

■ 21.9438, 11.1167,
9.8677

■ 69.7038, 87.4368,
84.9789

■ 71.1096, 87.9991,
92.3817

■ 72.5961, 88.5937,
100.2099

Harmonies

Analogous

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



32.5255, 28.8047, 45.3375



34.2331, 28.8047, 35.2081



33.9953, 28.8047, 25.8321

Triad

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



34.2331, 28.8047, 35.2081



25.3716, 28.8047, 16.8494



23.3048, 28.8047, 47.4232

Complementary

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



34.2331, 28.8047, 35.2081



33.1112, 42.4025, 39.6991

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.



21.6805, 28.8047, 37.6329



34.2331, 28.8047, 35.2081



22.8045, 28.8047, 20.6036

Square

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



34.2331, 28.8047, 35.2081



28.6895, 28.8047, 16.4636



21.5052, 28.8047, 27.8093



26.1071, 28.8047, 53.2961

Rectangle

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



34.2331, 28.8047, 35.2081



32.7691, 28.8047, 21.1675



21.5052, 28.8047, 27.8093



22.6132, 28.8047, 44.3986

Sweetspot

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



34.2339, 28.8060, 35.2087



76.7777, 76.0884, 85.9227



31.3173, 26.9718, 50.0102



16.6499, 16.3326, 18.5510



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.



34.2339, 28.8060, 35.2087



58.3419, 46.3416, 57.8128



32.5132, 28.5186, 24.9118



9.1734, 9.0797, 10.2606



14.8001, 7.4938, 6.8340



0.5530, 0.2767, 0.4058

Inverse Universe

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



34.2339, 28.8060, 35.2087



58.3419, 46.3416, 57.8128



35.2380, 42.6281, 52.8255



9.1734, 9.0797, 10.2606



14.8001, 7.4938, 6.8340



0.5530, 0.2767, 0.4058

Previews

White Background



This preview shows how the XYZ color 34.2331, 28.8047, 35.2081 looks on a white background.

Color Contrast Check

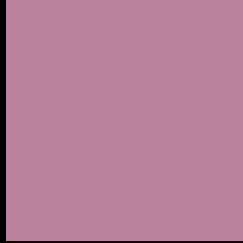
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2331, 28.8047, 35.2081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

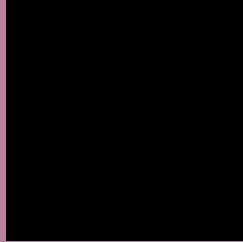
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2331, 28.8047, 35.2081

Background



This preview shows how black text looks on a background with the XYZ color 34.2331, 28.8047, 35.2081.



This preview shows how white text looks on a background with the XYZ color 34.2331, 28.8047,

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

34.2331, 28.8047, 35.2081

Protanopia

28.3360, 28.8436, 40.1503

Deuteranopia

29.4104, 28.8472, 34.5898



Tritanopia

32.9009, 28.6459, 29.3863

Trichromacy



Original Color

34.2331, 28.8047, 35.2081

Protanomaly

30.1977, 28.7357, 38.1374

Deuteranomaly

31.1533, 28.8683, 34.9405

Tritanomaly

33.3903, 28.6535, 31.3746

Monochromacy



Original Color

34.2331, 28.8047, 35.2081

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.5942, 29.6985, 33.8256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2331, 28.8047, 35.2081 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(186, 130, 156)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 156)  
}
```

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(186, 130, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.2331, 28.8047, 35.2081 is called "border". The border property can be set on classes, ids or directly on the HTML element.

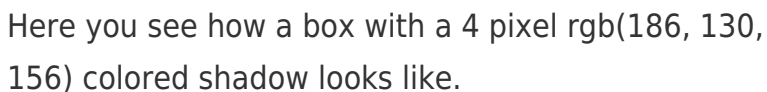
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 130, 156) }
```


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

```
.border{ border-color:rgb(186, 130, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 130, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 130, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 130, 156); box-shadow:4px 4px 4px 4px rgb(186, 130, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2331, 28.8047, 35.2081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 156) }
```

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

```
.background{ background-color: rgb(186,  
130, 156) }
```

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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