

Converting Colors

XYZ(34.2805, 28.2317, 40.0915)

Have a look what the booklet for
XYZ(34.2805, 28.2317, 40.0915)
contains.

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Color

**XYZ(34.4614, 28.4187,
40.2283)**

Conversions

Conversions Part 1

Format	Color
Hex	B880A7
RGB	184, 128, 167
RGB Percent	72%, 50%, 65%
CMY	0.2784, 0.4980, 0.3451
CMYK	0.00, 0.30, 0.09, 0.28
HSL	318°, 28%, 61%
HSV	318°, 30%, 72%
XYZ	34.4614, 28.4187, 40.2283
YIQ	149.1900, 20.8570, 24.0010

Conversions

Conversions Part 2

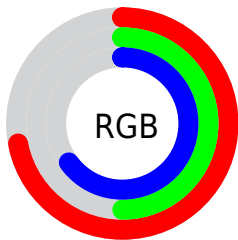
Format	Color
RYB	184, 128, 167
Decimal	12091559
CIELab	60.27, 27.81, -12.02
CIELCh	60, 30.292, 336.622
Yxy	28.4187, 0.3342, 0.2756
Android (android.graphics.Color)	4290281639 (0xFFB880A7)
YUV	149.1900, 8.7803, 30.5284
Hunter-Lab	53.3092, 22.0991, -7.4251

Details

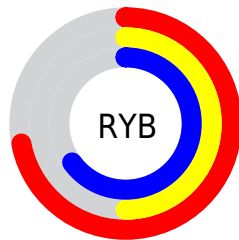
The XYZ color **34.4614, 28.4187, 40.2283** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.1546, 40.9154, 33.0453**, and the grayscale version is **28.6058, 30.0955, 32.7740**.

A 20% lighter version of the original color is **65.9843, 57.0224, 76.6359**, and **15.0248, 11.4324, 17.6344** is the 20% darker color. If you saturate the color by 10%, you get **31.7704, 23.8450, 36.8384**, and if you desaturate by 10%, it is **37.6116, 33.8743, 43.8820**.

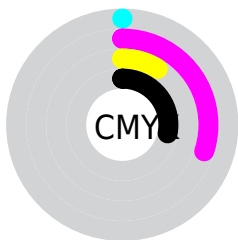
Distribution



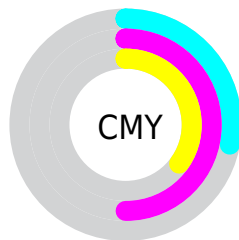
- Red (72%)
- Green (50%)
- Blue (65%)



- Red (72%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (28%)




- Cyan (28%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4614, 28.4187, 40.2283 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 34.4614, 28.4187, 40.2283 by changing the saturation by 10% instead.


 34.4614, 28.4187,
40.2283


 34.4614, 28.4187,
40.2283


313.7344,
294.4622, 362.6655


 23.4128, 18.6415,
27.4015


 65.9901, 57.1522,
76.7519

 15.0210, 11.4115,
17.6399


 87.2009, 76.8774,
101.2858

 8.9206, 6.3444,
10.5250


 112.5299,
100.6873, 130.5590

 4.7461, 3.0556,
5.6383

142.3424,
128.9663, 164.9903

 2.1323, 1.1608,
2.5612

177.0037,
162.0990, 204.9980

 0.7067, 0.0294,
0.8723

216.8793,

 0.0000, 0.0000,

200.4696, 251.0008

0.0000

262.3344,
244.4625, 303.4171

■ 34.4614, 28.4187,
40.2283

■ 34.4614, 28.4187,
40.2283

■ 31.7704, 23.8450,
36.8384

■ 37.6116, 33.8743,
43.8820

■ 29.5122, 20.1021,
33.7011

■ 41.2406, 40.2516,
47.8064

■ 27.6617, 17.1397,
30.8071

■ 45.3696, 47.5925,
52.0102


■ 26.1898, 14.9003,
28.1451


■ 50.0181, 55.9354,
56.5012


■ 25.0637, 13.3186,
25.7028


■ 55.2044, 65.3164,
61.2868


 24.2445, 12.3172,
23.4658

 60.9459, 75.7699,
66.3741

 23.6729, 11.7527,
21.4912

 66.6806, 86.1717,
71.5769

 67.3719, 86.4483,
75.2176

 68.0877, 86.7346,
78.9867

Harmonies

Analogous

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



31.7149, 28.4187, 51.4761



34.4614, 28.4187, 40.2283



35.1282, 28.4187, 28.5421

Triad

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



34.4614, 28.4187, 40.2283



26.1592, 28.4187, 14.1906



21.4503, 28.4187, 45.5336

Complementary

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



34.4614, 28.4187, 40.2283



31.1546, 40.9154, 33.0453

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.



20.2520, 28.4187, 33.4752



34.4614, 28.4187, 40.2283



22.7971, 28.4187, 16.7572

Square

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



34.4614, 28.4187, 40.2283



30.0838, 28.4187, 15.1717



20.7204, 28.4187, 23.2094



24.1551, 28.4187, 55.0165

Rectangle

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



34.4614, 28.4187, 40.2283



34.2517, 28.4187, 22.3156



20.7204, 28.4187, 23.2094



20.8704, 28.4187, 41.5492

Sweetspot

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



34.4623, 28.4200, 40.2289



75.6673, 74.5733, 87.6097



28.0140, 24.9021, 48.6780



16.0915, 15.6857, 18.6561



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.



34.4623, 28.4200, 40.2289



58.8835, 45.4022, 68.4611



32.1622, 27.5000, 28.1171



9.2617, 9.1150, 10.7253



16.3476, 8.1128, 14.9829



0.6024, 0.2964, 0.6658

Inverse Universe

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



34.4623, 28.4200, 40.2289



58.8835, 45.4022, 68.4611



33.5671, 41.8803, 45.7491



9.2617, 9.1150, 10.7253



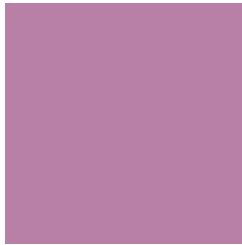
16.3476, 8.1128, 14.9829



0.6024, 0.2964, 0.6658

Previews

White Background



This preview shows how the XYZ color 34.4614, 28.4187, 40.2283 looks on a white background.

Color Contrast Check

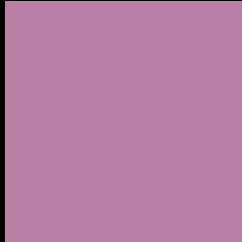
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4614, 28.4187, 40.2283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

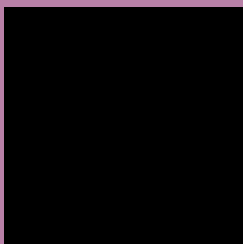
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4614, 28.4187, 40.2283

Background



This preview shows how black text looks on a background with the XYZ color 34.4614, 28.4187, 40.2283.



This preview shows how white text looks on a background with the XYZ color 34.4614, 28.4187,

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

34.4614, 28.4187, 40.2283

Protanopia

28.4904, 28.5641, 46.1313

Deuteranopia

29.1363, 28.6056, 39.1078



Tritanopia

32.2652, 28.3095, 29.7503

Trichromacy



Original Color

34.4614, 28.4187, 40.2283

Protanomaly

30.2460, 28.2015, 43.8937

Deuteranomaly

30.8414, 28.3945, 39.4525

Tritanomaly

33.0752, 28.4447, 33.4529

Monochromacy



Original Color

34.4614, 28.4187, 40.2283

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.4259, 29.1314, 35.4718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4614, 28.4187, 40.2283 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(184, 128, 167)` looks like.

```
.text, #text, p{  
    color:rgb(184, 128, 167)  
}
```

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(184, 128, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 128, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.4614, 28.4187, 40.2283 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(184, 128, 167) }
```


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

```
.border{ border-color:rgb(184, 128, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 128, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 128, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 128, 167);  
box-shadow:4px 4px 4px 4px rgb(184, 128,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4614, 28.4187, 40.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 128, 167) }
```

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

```
.background{ background-color: rgb(184,  
128, 167) }
```

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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