

Converting Colors

XYZ(34.3607, 28.8000, 38.3983)

Have a look what the booklet for
XYZ(34.3607, 28.8000, 38.3983)
contains.

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Color

**XYZ(34.3607, 28.8000,
38.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	B882A3
RGB	184, 130, 163
RGB Percent	72%, 51%, 64%
CMY	0.2784, 0.4902, 0.3608
CMYK	0.00, 0.29, 0.11, 0.28
HSL	323°, 28%, 62%
HSV	323°, 29%, 72%
XYZ	34.3607, 28.8000, 38.3983
YIQ	149.9080, 21.5910, 21.7110

Conversions

Conversions Part 2

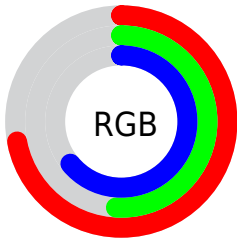
Format	Color
RYB	184, 130, 163
Decimal	12092067
CIELab	60.60, 25.99, -9.22
CIELCh	61, 27.582, 340.462
Yxy	28.8000, 0.3383, 0.2836
Android (android.graphics.Color)	4290282147 (0xFFB882A3)
YUV	149.9080, 6.4544, 29.8987
Hunter-Lab	53.6656, 20.3740, -4.8567

Details

The XYZ color **34.3607, 28.8000, 38.3983** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.9336, 41.2620, 35.5614**, and the grayscale version is **28.9183, 30.4243, 33.1320**.

A 20% lighter version of the original color is **65.8640, 57.6297, 73.9819**, and **14.9438, 11.6308, 16.4963** is the 20% darker color. If you saturate the color by 10%, you get **31.5056, 24.0867, 34.3723**, and if you desaturate by 10%, it is **37.6914, 34.4057, 42.7625**.

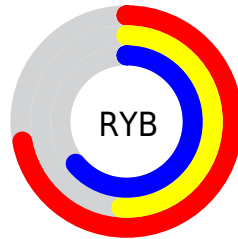
Distribution



Red (72%)

Green (51%)

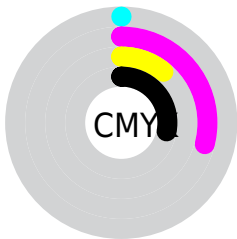
Blue (64%)



Red (72%)

Yellow (51%)

Blue (64%)

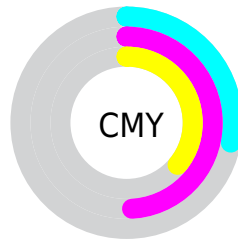


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (49%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3607, 28.8000, 38.3983 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 34.3607, 28.8000, 38.3983 by changing the saturation by 10% instead.


 34.3607, 28.8000,
38.3983


 34.3607, 28.8000,
38.3983


313.2951,
296.2701, 354.6748


 23.3350, 18.9296,
25.9877


 65.8348, 57.7592,
73.9284

 14.9631, 11.6194,
16.5888


 87.0139, 77.6167,
97.8850

 8.8797, 6.4851,
9.7829


 112.3082,
101.5721, 126.5274

 4.7193, 3.1422,
5.1515

142.0831,
130.0097, 160.2741

 2.1166, 1.2064,
2.2762

176.7038,
163.3139, 199.5437

 0.6982, 0.0669,
0.7178

216.5358,

 0.0000, 0.0000,

201.8691, 244.7546

0.0000

261.9445,
246.0597, 296.3254

■ 34.3607, 28.8000,
38.3983

■ 34.3607, 28.8000,
38.3983

■ 31.5056, 24.0867,
34.3723

■ 37.6914, 34.4057,
42.7625

■ 29.0997, 20.2151,
30.6718

■ 41.5174, 40.9432,
47.4734

■ 27.1177, 17.1351,
27.2857

■ 45.8602, 48.4545,
52.5412

■ 25.5306, 14.7899,
24.2013

■ 50.7394, 56.9778,
57.9753

■ 24.3058, 13.1150,
21.4045

■ 56.1734, 66.5490,
63.7844

■ 23.4047, 12.0345,
18.8791

■ 62.1798, 77.2026,
69.9770

■ 22.7559, 11.4068,
16.5981

■ 67.5495, 86.5193,
76.1526

■ 22.7166, 11.3701,
16.4554

■ 68.4787, 86.8910,
81.0460

■ 69.4486, 87.2789,
86.1531

Harmonies

Analogous

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



32.0709, 28.8000, 48.8067



34.3607, 28.8000, 38.3983



34.6887, 28.8000, 27.9246

Triad

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



34.3607, 28.8000, 38.3983



26.1467, 28.8000, 15.7347



22.4790, 28.8000, 45.9133

Complementary

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



34.3607, 28.8000, 38.3983



31.9336, 41.2620, 35.5614

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.



21.1667, 28.8000, 35.0626



34.3607, 28.8000, 38.3983



23.1589, 28.8000, 18.6599

Square

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



34.3607, 28.8000, 38.3983



29.7324, 28.8000, 16.2483



21.4043, 28.8000, 25.2361



25.1428, 28.8000, 53.7562

Rectangle

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



34.3607, 28.8000, 38.3983



33.7225, 28.8000, 22.4157



21.4043, 28.8000, 25.2361



21.8761, 28.8000, 42.4098

Sweetspot

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



34.3616, 28.8013, 38.3989



75.4054, 74.4686, 86.2306



29.3425, 25.9781, 48.8157



16.0265, 15.6598, 18.3141



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.



34.3616, 28.8013, 38.3989



58.9605, 46.6929, 64.9827



32.2162, 27.9432, 27.1016



9.2289, 9.1019, 10.5529



15.6914, 7.8503, 11.5276



0.5825, 0.2885, 0.5611

Inverse Universe

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



34.3616, 28.8013, 38.3989



58.9605, 46.6929, 64.9827



34.3532, 42.2299, 48.3030



9.2289, 9.1019, 10.5529



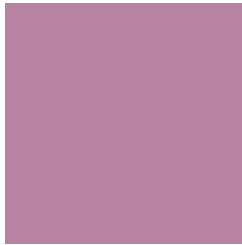
15.6914, 7.8503, 11.5276



0.5825, 0.2885, 0.5611

Previews

White Background



This preview shows how the XYZ color 34.3607, 28.8000, 38.3983 looks on a white background.

Color Contrast Check

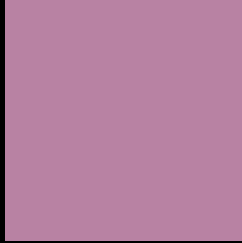
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3607, 28.8000, 38.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

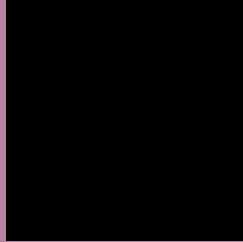
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.3607, 28.8000, 38.3983

Background



This preview shows how black text looks on a background with the XYZ color 34.3607, 28.8000, 38.3983.



This preview shows how white text looks on a background with the XYZ color 34.3607, 28.8000,

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

34.3607, 28.8000, 38.3983

Protanopia

28.6527, 28.9306, 43.6092

Deuteranopia

29.4324, 28.7892, 37.7238



Tritanopia

32.7130, 28.7338, 30.2076

Trichromacy



Original Color

34.3607, 28.8000, 38.3983

Protanomaly

30.4441, 28.7888, 41.4883

Deuteranomaly

31.1271, 28.7849, 38.0979

Tritanomaly

33.3656, 28.8042, 33.0794

Monochromacy



Original Color

34.3607, 28.8000, 38.3983

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 34.3607, 28.8000, 38.3983 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, 130, 163)` looks like.

```
.text, #text, p{  
    color:rgb(184, 130, 163)  
}
```

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, 130, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 130, 163) }
```

Border

The CSS property to change the border of an element to XYZ 34.3607, 28.8000, 38.3983 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, 130, 163) }
```


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

```
.border{ border-color:rgb(184, 130, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 130, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 130, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 130, 163);  
box-shadow:4px 4px 4px 4px rgb(184, 130,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3607, 28.8000, 38.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 130, 163) }
```

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

```
.background{ background-color: rgb(184,  
130, 163) }
```

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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