

Converting Colors

XYZ(35.4197, 29.6258, 43.8959)

Have a look what the booklet for
XYZ(35.4197, 29.6258, 43.8959)
contains.

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Color

**XYZ(35.4197, 29.6258,
43.8959)**

Conversions

Conversions Part 1

Format	Color
Hex	B784AE
RGB	183, 132, 174
RGB Percent	72%, 52%, 68%
CMY	0.2823, 0.4823, 0.3176
CMYK	0.00, 0.28, 0.05, 0.28
HSL	311°, 26%, 62%
HSV	311°, 28%, 72%
XYZ	35.4197, 29.6258, 43.8959
YIQ	152.0370, 16.9140, 23.8740

Conversions

Conversions Part 2

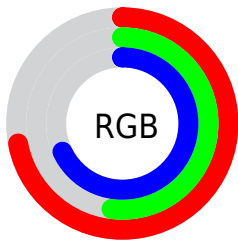
Format	Color
R_{YB}	183, 132, 174
Decimal	12027054
CIE Lab	61.33, 26.49, -14.42
CIE LCh	61, 30.160, 331.440
Yxy	29.6258, 0.3251, 0.2719
Android (android.graphics.Color)	4290217134 (0xFFB784AE)
YUV	152.0370, 10.8278, 27.1546
Hunter-Lab	54.4296, 20.9059, -9.7150

Details

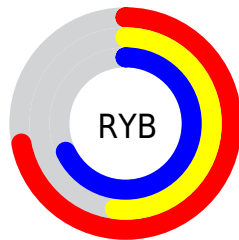
The XYZ color **35.4197, 29.6258, 43.8959** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.2582, 40.6965, 31.4088**, and the grayscale version is **29.8114, 31.3639, 34.1553**.

A 20% lighter version of the original color is **67.7770, 59.3562, 82.7476**, and **15.5834, 12.1069, 19.9279** is the 20% darker color. If you saturate the color by 10%, you get **32.8416, 24.9669, 41.5019**, and if you desaturate by 10%, it is **38.4425, 35.1609, 46.4761**.

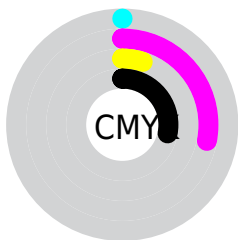
Distribution



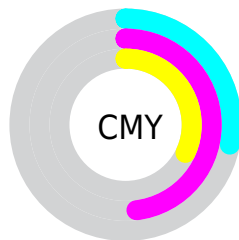
- Red (72%)
- Green (52%)
- Blue (68%)



- Red (72%)
- Yellow (52%)
- Blue (68%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (28%)




- Cyan (28%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4197, 29.6258, 43.8959 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 35.4197, 29.6258, 43.8959 by changing the saturation by 10% instead.


 35.4197, 29.6258,
43.8959


 35.4197, 29.6258,
43.8959


317.8927,
300.1563, 378.3122


 24.1544, 19.5547,
30.2521


 67.4652, 59.0699,
82.3619

 15.5735, 12.0718,
19.7763


 88.9761, 79.2117,
108.0211

 9.3118, 6.7926,
12.0501


 114.6328,
103.4792, 138.5226

 5.0039, 3.3327,
6.6549

144.8009,
132.2569, 174.2848

 2.2843, 1.3078,
3.1720

179.8455,
165.9290, 215.7264

 0.7866, 0.1472,
1.1831

220.1321,

 0.0000, 0.0000,

204.8800, 263.2658

0.0000

266.0261,
249.4943, 317.3215

■ 35.4197, 29.6258,
43.8959

■ 35.4197, 29.6258,
43.8959

■ 32.8416, 24.9669,
41.5019

■ 38.4425, 35.1609,
46.4761

■ 30.6826, 21.1349,
39.2844

■ 41.9284, 41.6105,
49.2480

■ 28.9189, 18.0813,
37.2355

■ 45.8981, 49.0153,
52.2190

■ 27.5228, 15.7513,
35.3457

■ 50.3701, 57.4125,
55.3956

■ 26.4634, 14.0827,
33.6044

■ 55.3621, 66.8372,
58.7839

■ 25.7042, 13.0029,
31.9993

■ 60.8908, 77.3228,
62.3897

■ 25.1889, 12.3993,
30.5112

■ 65.3220, 85.6007,
65.6685

■ 25.0906, 12.2922,
30.2023

■ 65.6952, 85.7500,
67.6338

■ 66.0764, 85.9025,
69.6410

Harmonies

Analogous

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



32.3365, 29.6258, 54.7713



35.4197, 29.6258, 43.8959



36.5118, 29.6258, 31.7106

Triad

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



35.4197, 29.6258, 43.8959



27.9668, 29.6258, 14.9492



22.1274, 29.6258, 45.0761

Complementary

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



35.4197, 29.6258, 43.8959



31.2582, 40.6965, 31.4088

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.



21.1875, 29.6258, 32.8106



35.4197, 29.6258, 43.8959



24.3567, 29.6258, 16.9531

Square

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



35.4197, 29.6258, 43.8959



31.9731, 29.6258, 16.5974



21.9643, 29.6258, 22.8827



24.6599, 29.6258, 55.5578

Rectangle

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



35.4197, 29.6258, 43.8959



35.8893, 29.6258, 24.8992



21.9643, 29.6258, 22.8827



21.6260, 29.6258, 40.9389

Sweetspot

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



35.4206, 29.6271, 43.8965



74.9155, 74.1947, 88.0651



27.6995, 25.5419, 48.2705



16.3275, 15.9807, 19.2811



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.



35.4206, 29.6271, 43.8965



60.7194, 48.1350, 76.1420



33.2056, 28.7411, 32.2326



9.3111, 9.1348, 10.9855



17.5261, 8.5842, 21.1888



0.6359, 0.3098, 0.8421

Inverse Universe

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



35.4206, 29.6271, 43.8965



60.7194, 48.1350, 76.1420



33.3332, 41.5266, 42.3360



9.3111, 9.1348, 10.9855



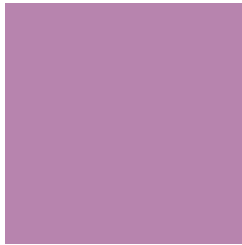
17.5261, 8.5842, 21.1888



0.6359, 0.3098, 0.8421

Previews

White Background



This preview shows how the XYZ color 35.4197, 29.6258, 43.8959 looks on a white background.

Color Contrast Check

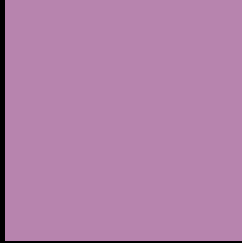
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4197, 29.6258, 43.8959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

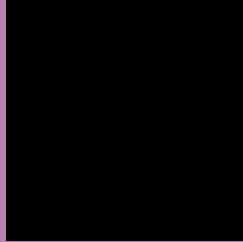
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4197, 29.6258, 43.8959

Background



This preview shows how black text looks on a background with the XYZ color 35.4197, 29.6258, 43.8959.



This preview shows how white text looks on a background with the XYZ color 35.4197, 29.6258,

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

35.4197, 29.6258, 43.8959

Protanopia

29.9007, 29.9036, 49.5434

Deuteranopia

30.5207, 29.9048, 43.1933



Tritanopia

33.0345, 29.7012, 31.5956

Trichromacy



Original Color

35.4197, 29.6258, 43.8959

Protanomaly

31.6215, 29.7092, 47.2478

Deuteranomaly

32.0252, 29.5598, 43.5529

Tritanomaly

33.8058, 29.5860, 35.8272

Monochromacy



Original Color

35.4197, 29.6258, 43.8959

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.5748, 30.5754, 37.4952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4197, 29.6258, 43.8959 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, 132, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 132, 174)  
}
```

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, 132, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 132, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.4197, 29.6258, 43.8959 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, 132, 174) }
```


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

```
.border{ border-color:rgb(183, 132, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 132, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 132, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 132, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 132,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4197, 29.6258, 43.8959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 132, 174) }
```

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

```
.background{ background-color: rgb(183,  
132, 174) }
```

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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