

Converting Colors

XYZ(35.8738, 29.5093, 43.6986)

Have a look what the booklet for
XYZ(35.8738, 29.5093, 43.6986)
contains.

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Color

**XYZ(35.8723, 29.4604,
43.8401)**

Conversions

Conversions Part 1

Format	Color
Hex	BA82AE
RGB	186, 130, 174
RGB Percent	73%, 51%, 68%
CMY	0.2706, 0.4902, 0.3176
CMYK	0.00, 0.30, 0.06, 0.27
HSL	313°, 29%, 62%
HSV	313°, 30%, 73%
XYZ	35.8723, 29.4604, 43.8401
YIQ	151.7600, 19.2520, 25.5560

Conversions

Conversions Part 2

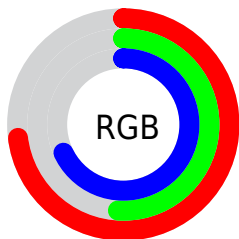
Format	Color
R_{YB}	186, 130, 174
Decimal	12223150
CIE _{Lab}	61.19, 28.64, -14.61
CIE _{LCh}	61, 32.147, 332.979
Yxy	29.4604, 0.3286, 0.2699
Android (android.graphics.Color)	4290413230 (0xFFBA82AE)
YUV	151.7600, 10.9643, 30.0285
Hunter-Lab	54.2774, 22.9863, -9.8946

Details

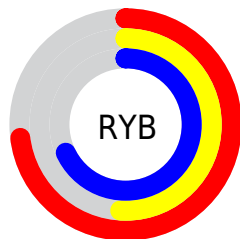
The XYZ color **35.8723, 29.4604, 43.8401** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.6485, 41.8175, 31.9966**, and the grayscale version is **29.6909, 31.2371, 34.0172**.

A 20% lighter version of the original color is **68.3856, 59.0488, 82.6562**, and **15.8972, 12.0480, 19.9000** is the 20% darker color. If you saturate the color by 10%, you get **33.2357, 24.7994, 41.0725**, and if you desaturate by 10%, it is **38.9695, 35.0230, 46.8187**.

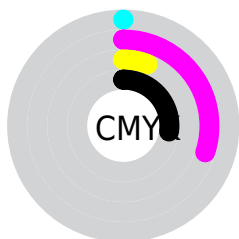
Distribution



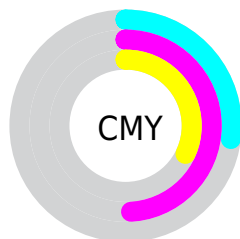
- Red (73%)
- Green (51%)
- Blue (68%)



- Red (73%)
- Yellow (51%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (27%)





- Cyan (27%)
- Magenta (49%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8723, 29.4604, 43.8401 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 35.8723, 29.4604, 43.8401 by changing the saturation by 10% instead.


 35.8723, 29.4604,
43.8401


 35.8723, 29.4604,
43.8401


319.8430,
299.3811, 378.0776


 24.5052, 19.4294,
30.2086


 68.1601, 58.8078,
82.2770

 15.8356, 11.9809,
19.7435

 89.8115, 78.8929,
107.9194

 9.4980, 6.7307,
12.0265


 115.6218,
103.0982, 138.4025

 5.1271, 3.2943,
6.6390

145.9562,
131.8081, 174.1449

 2.3576, 1.2872,
3.1624

181.1802,
165.4069, 215.5650

 0.8239, 0.1313,
1.1781

221.6591,

 0.0000, 0.0000,

204.2791, 263.0815

0.0000

267.7583,
248.8090, 317.1129

■ 35.8723, 29.4604,
43.8401

■ 35.8723, 29.4604,
43.8401

■ 33.2357, 24.7994,
41.0725

■ 38.9695, 35.0230,
46.8187

■ 31.0327, 20.9878,
38.5056

■ 42.5468, 41.5280,
50.0145

■ 29.2377, 17.9742,
36.1306

■ 46.6263, 49.0183,
53.4354

■ 27.8214, 15.6999,
33.9373

■ 51.2274, 57.5330,
57.0886

■ 26.7502, 14.0980,
31.9139

■ 56.3688, 67.1092,
60.9807

■ 25.9846, 13.0898,
30.0469

■ 62.0681, 77.7820,
65.1180

■ 25.4491, 12.5189,
28.3265

■ 66.6591, 86.2189,
68.9455

■ 67.1370, 86.4100,
71.4622

■ 67.6272, 86.6061,
74.0435

Harmonies

Analogous

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



32.6559, 29.4604, 55.7965



35.8723, 29.4604, 43.8401



36.9145, 29.4604, 30.8845

Triad

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



35.8723, 29.4604, 43.8401



27.5816, 29.4604, 14.0126



21.7292, 29.4604, 46.4675

Complementary

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



35.8723, 29.4604, 43.8401



31.6485, 41.8175, 31.9966

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.



20.6523, 29.4604, 33.3005



35.8723, 29.4604, 43.8401



23.8113, 29.4604, 16.2615

Square

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



35.8723, 29.4604, 43.8401



31.8532, 29.4604, 15.5055



21.3750, 29.4604, 22.6328



24.4731, 29.4604, 57.5618

Rectangle

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



35.8723, 29.4604, 43.8401



36.1585, 29.4604, 23.8313



21.3750, 29.4604, 22.6328



21.1735, 29.4604, 42.0350

Sweetspot

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



35.8732, 29.4617, 43.8407



77.7853, 76.4914, 91.2286



27.8655, 25.1923, 49.8488



16.9054, 16.4348, 19.8965



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.



35.8732, 29.4617, 43.8407



61.8269, 47.7355, 76.1643



33.4842, 28.5061, 31.2604



9.2963, 9.1289, 10.9077



17.1496, 8.4336, 19.2063



0.6255, 0.3057, 0.7871

Inverse Universe

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



35.8732, 29.4617, 43.8407



61.8269, 47.7355, 76.1643



33.9461, 42.7365, 44.0954



9.2963, 9.1289, 10.9077



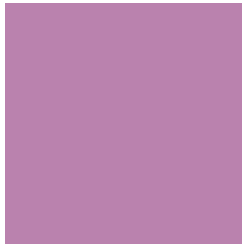
17.1496, 8.4336, 19.2063



0.6255, 0.3057, 0.7871

Previews

White Background



This preview shows how the XYZ color 35.8723, 29.4604, 43.8401 looks on a white background.

Color Contrast Check

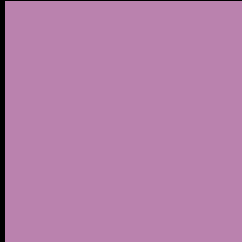
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8723, 29.4604, 43.8401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

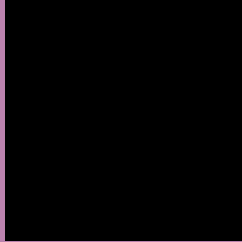
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8723, 29.4604, 43.8401

Background



This preview shows how black text looks on a background with the XYZ color 35.8723, 29.4604, 43.8401.



This preview shows how white text looks on a background with the XYZ color 35.8723, 29.4604,

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

35.8723, 29.4604, 43.8401

Protanopia

29.8381, 29.8592, 50.0897

Deuteranopia

30.0864, 29.4661, 42.6299



Tritanopia

33.1437, 29.3484, 31.1121

Trichromacy



Original Color

35.8723, 29.4604, 43.8401

Protanomaly

31.5757, 29.4539, 47.7370

Deuteranomaly

31.9889, 29.3363, 43.0062

Tritanomaly

33.9167, 29.2426, 35.3093

Monochromacy



Original Color

35.8723, 29.4604, 43.8401

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.6283, 30.3771, 37.4541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8723, 29.4604, 43.8401 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 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(186, 130, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 174) }
```

Border

The CSS property to change the border of an element to XYZ 35.8723, 29.4604, 43.8401 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, 174) }
```


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

```
.border{ border-color:rgb(186, 130, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 174);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8723, 29.4604, 43.8401 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, 174) }
```

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

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