

Converting Colors

XYZ(41.4534, 34.9204, 43.0412)

Have a look what the booklet for
XYZ(41.4534, 34.9204, 43.0412)
contains.

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Color

**XYZ(41.3808, 34.8428,
43.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	CA8EAB
RGB	202, 142, 171
RGB Percent	79%, 56%, 67%
CMY	0.2078, 0.4431, 0.3294
CMYK	0.00, 0.30, 0.15, 0.21
HSL	331°, 36%, 67%
HSV	331°, 30%, 79%
XYZ	41.3808, 34.8428, 43.0724
YIQ	163.2460, 26.4510, 21.7390

Conversions

Conversions Part 2

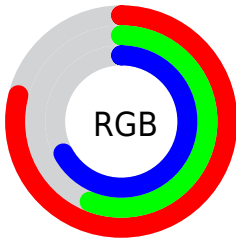
Format	Color
R _Y B	202, 142, 171
Decimal	13274795
CIE Lab	65.63, 27.12, -6.08
CIE LCh	66, 27.794, 347.359
Yxy	34.8428, 0.3469, 0.2921
Android (android.graphics.Color)	4291464875 (0xFFCA8EAB)
YUV	163.2460, 3.8227, 33.9873
Hunter-Lab	59.0278, 21.8369, -1.9443

Details

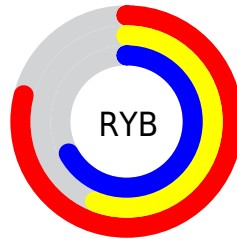
The XYZ color **41.3808, 34.8428, 43.0724** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.8201, 51.0099, 47.2847**, and the grayscale version is **34.9035, 36.7212, 39.9894**.

A 20% lighter version of the original color is **74.7074, 66.2308, 80.7978**, and **19.1035, 15.0171, 19.3445** is the 20% darker color. If you saturate the color by 10%, you get **37.6875, 28.9857, 37.1252**, and if you desaturate by 10%, it is **45.6993, 41.8238, 49.6164**.

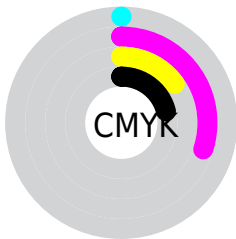
Distribution



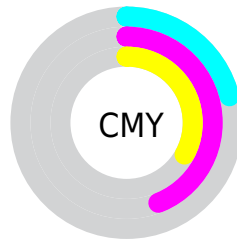
- Red (79%)
- Green (56%)
- Blue (67%)



- Red (79%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (21%)





- Cyan (21%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3808, 34.8428, 43.0724 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 41.3808, 34.8428, 43.0724 by changing the saturation by 10% instead.

 41.3808, 34.8428,
43.0724


 41.3808, 34.8428,
43.0724

342.9451,
323.8739, 374.8394


 28.8057, 23.5418,
29.6101

 76.5327, 67.2422,
81.1076

 19.0775, 14.9941,
19.2933


 99.8402, 89.1093,
106.5176

 11.8306, 8.8152,
11.7034


 127.4560,
115.2673, 136.7473

 6.6998, 4.6209,
6.4220

159.7453,
146.1006, 172.2152

 3.3197, 2.0266,
3.0304

197.0735,
181.9935, 213.3398

 1.3250, 0.6228,
1.1102

239.8059,

 0.2018, 0.0000,

223.3304, 260.5397

0.0000

288.3080,
270.4958, 314.2333

■ 0.0000, 0.0000,
0.0000

■ 41.3808, 34.8428,
43.0724

■ 41.3808, 34.8428,
43.0724

■ 37.6875, 28.9857,
37.1252

■ 45.6993, 41.8238,
49.6164

■ 34.5851, 24.1880,
31.7534

■ 50.6690, 49.9789,
56.7733

■ 32.0406, 20.3861,
26.9370


■ 56.3179, 59.3613,
64.5612


■ 30.0162, 17.5077,
22.6539


■ 62.6715, 70.0193,
72.9967


■ 28.4690, 15.4703,
18.8799


■ 69.7541, 81.9988,
82.0957


 27.3488, 14.1766,
15.5876


 74.9148, 89.9956,
90.9822

 26.5656, 13.4505,
12.7363

 76.4559, 90.6121,
99.0978

 26.5444, 13.4315,
12.6567

 78.0869, 91.2645,
107.6862

 78.1673, 91.2967,
108.1099

Harmonies

Analogous

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



39.2325, 34.8428, 55.2919



41.3808, 34.8428, 43.0724



41.1871, 34.8428, 31.6188

Triad

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



41.3808, 34.8428, 43.0724



30.8301, 34.8428, 20.2741



28.0799, 34.8428, 56.9913

Complementary

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



41.3808, 34.8428, 43.0724



39.8201, 51.0099, 47.2847

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.



26.1766, 34.8428, 45.0473



41.3808, 34.8428, 43.0724



27.6725, 34.8428, 24.6578

Square

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



41.3808, 34.8428, 43.0724



34.8644, 34.8428, 19.9603



26.0339, 34.8428, 33.2285



31.4290, 34.8428, 64.3687

Rectangle

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



41.3808, 34.8428, 43.0724



39.7553, 34.8428, 25.8675



26.0339, 34.8428, 33.2285



27.2622, 34.8428, 53.2774

Sweetspot

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



41.3818, 34.8444, 43.0731



86.3098, 85.4810, 96.8568



37.5686, 32.4963, 60.1699



18.1909, 17.8293, 20.3326



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.3818, 34.8444, 43.0731



65.7047, 52.0583, 65.9809



39.0633, 34.1561, 30.1270



11.4344, 11.3025, 12.8222



17.1255, 8.6608, 8.3793



0.9218, 0.4621, 0.6340

Inverse Universe

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



41.3818, 34.8444, 43.0731



65.7047, 52.0583, 65.9809



42.7037, 51.7892, 63.6232



11.4344, 11.3025, 12.8222



17.1255, 8.6608, 8.3793



0.9218, 0.4621, 0.6340

Previews

White Background



This preview shows how the XYZ color 41.3808, 34.8428, 43.0724 looks on a white background.

Color Contrast Check

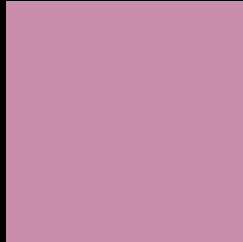
Large Text (above 18pt) WCAG AA × Fail

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 41.3808, 34.8428, 43.0724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

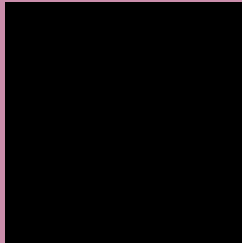
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3808, 34.8428, 43.0724

Background



This preview shows how black text looks on a background with the XYZ color 41.3808, 34.8428, 43.0724.



This preview shows how white text looks on a background with the XYZ color 41.3808, 34.8428,

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

41.3808, 34.8428, 43.0724

Protanopia

34.4489, 35.2004, 48.6948

Deuteranopia

35.6774, 34.9652, 42.4047



Tritanopia

39.9456, 34.9305, 36.0894

Trichromacy



Original Color

41.3808, 34.8428, 43.0724

Protanomaly

36.5606, 34.8410, 46.3930

Deuteranomaly

37.4534, 34.6601, 42.7463

Tritanomaly

40.4937, 34.9372, 38.3275

Monochromacy



Original Color

41.3808, 34.8428, 43.0724

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.7357, 35.5430, 41.0007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3808, 34.8428, 43.0724 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(202, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(202, 142, 171)  
}
```

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(202, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 142, 171) }
```

Border

The CSS property to change the border of an element to XYZ 41.3808, 34.8428, 43.0724 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(202, 142, 171) }
```


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

```
.border{ border-color:rgb(202, 142, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(202, 142,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3808, 34.8428, 43.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 142, 171) }
```

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

```
.background{ background-color: rgb(202,  
142, 171) }
```

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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