

Converting Colors

XYZ(40.2993, 34.4766, 44.2277)

Have a look what the booklet for
XYZ(40.2993, 34.4766, 44.2277)
contains.

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Color

**XYZ(40.3912, 34.5324,
44.0717)**

Conversions

Conversions Part 1

Format	Color
Hex	C58FAD
RGB	197, 143, 173
RGB Percent	77%, 56%, 68%
CMY	0.2274, 0.4392, 0.3216
CMYK	0.00, 0.27, 0.12, 0.23
HSL	327°, 32%, 67%
HSV	327°, 27%, 77%
XYZ	40.3912, 34.5324, 44.0717
YIQ	162.5660, 22.5540, 20.7780

Conversions

Conversions Part 2

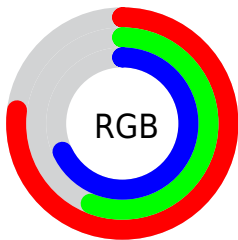
Format	Color
RYB	197, 143, 173
Decimal	12947373
CIELab	65.38, 25.12, -7.63
CIELCh	65, 26.256, 343.110
Yxy	34.5324, 0.3394, 0.2902
Android (android.graphics.Color)	4291137453 (0xFFC58FAD)
YUV	162.5660, 5.1440, 30.1986
Hunter-Lab	58.7643, 19.8532, -3.3310

Details

The XYZ color **40.3912, 34.5324, 44.0717** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.2704, 48.5630, 43.9180**, and the grayscale version is **34.5783, 36.3791, 39.6168**.

A 20% lighter version of the original color is **74.8429, 66.6048, 82.3101**, and **18.4337, 14.7856, 19.9715** is the 20% darker color. If you saturate the color by 10%, you get **36.8699, 28.8013, 38.8539**, and if you desaturate by 10%, it is **44.4894, 41.3275, 49.7566**.

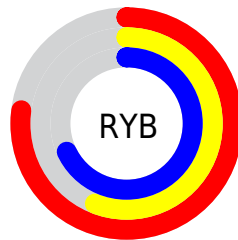
Distribution



Red (77%)

Green (56%)

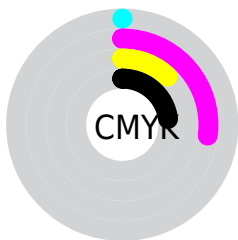
Blue (68%)



Red (77%)

Yellow (56%)

Blue (68%)

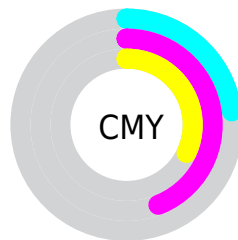


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3912, 34.5324, 44.0717 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 40.3912, 34.5324, 44.0717 by changing the saturation by 10% instead.


 40.3912, 34.5324,
44.0717

 40.3912, 34.5324,
44.0717

338.8759,
322.4995, 379.0507

 28.0293, 23.3029,
30.3893


 75.0394, 66.7607,
82.6292

 18.4883, 14.8173,
19.8797


 98.0564, 88.5284,
108.3415

 11.4029, 8.6913,
12.1244


125.3558,
114.5775, 138.9007

 6.4078, 4.5404,
6.7049

157.3029,
145.2925, 174.7254

 3.1376, 1.9802,
3.2026

194.2631,
181.0579, 216.2343

 1.2269, 0.5959,
1.1990

236.6018,

 0.1275, 0.0000,

222.2579, 263.8457

0.0000

284.6842,
269.2770, 317.9784

■ 0.0000, 0.0000,
0.0000

■ 40.3912, 34.5324,
44.0717

■ 40.3912, 34.5324,
44.0717

■ 36.8699, 28.8013,
38.8539

■ 44.4894, 41.3275,
49.7566

■ 33.8942, 24.0747,
34.0863

■ 49.1876, 49.2326,
55.9202

■ 31.4345, 20.2945,
29.7542

■ 54.5114, 58.2968,
62.5763

■ 29.4568, 17.3946,
25.8407

■ 60.4840, 68.5648,
69.7375

■ 27.9228, 15.3004,
22.3272

■ 67.1272, 80.0789,
77.4157

■ 26.7880, 13.9247,
19.1931

■ 72.4502, 88.8560,
84.9519

■ 25.9899, 13.1445,
16.4114

■ 73.6797, 89.3478,
91.4261

■ 25.8101, 12.9840,
15.7380

■ 74.9713, 89.8645,
98.2280

■ 76.3261, 90.4064,
105.3621

Harmonies

Analogous

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



38.1207, 34.5324, 55.2098



40.3912, 34.5324, 44.0717



40.5359, 34.5324, 33.0127

Triad

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



40.3912, 34.5324, 44.0717



31.1786, 34.5324, 20.5617



27.7302, 34.5324, 53.9477

Complementary

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



40.3912, 34.5324, 44.0717



38.2704, 48.5630, 43.9180

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.



26.1547, 34.5324, 42.5935



40.3912, 34.5324, 44.0717



28.0386, 34.5324, 24.2000

Square

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



40.3912, 34.5324, 44.0717



35.0102, 34.5324, 20.8037



26.2629, 34.5324, 31.7949



30.7270, 34.5324, 61.6285

Rectangle

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



40.3912, 34.5324, 44.0717



39.3904, 34.5324, 27.2086



26.2629, 34.5324, 31.7949



27.0277, 34.5324, 50.3482

Sweetspot

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



40.3922, 34.5340, 44.0724



87.4582, 87.0976, 99.3366



35.7118, 31.8283, 57.0849



18.4318, 18.1560, 20.8911



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.



40.3922, 34.5340, 44.0724



68.3769, 55.3701, 73.1375



38.0848, 33.6110, 31.9217



10.8764, 10.7339, 12.3322



17.0190, 8.5572, 10.5759



0.8419, 0.4196, 0.6906

Inverse Universe

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



40.3922, 34.5340, 44.0724



68.3769, 55.3701, 73.1375



40.9653, 49.6410, 58.1094



10.8764, 10.7339, 12.3322



17.0190, 8.5572, 10.5759



0.8419, 0.4196, 0.6906

Previews

White Background



This preview shows how the XYZ color 40.3912, 34.5324, 44.0717 looks on a white background.

Color Contrast Check

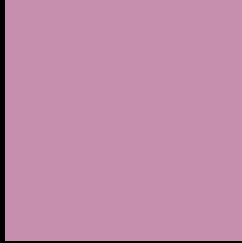
Large Text (above 18pt) WCAG AA × Fail

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 40.3912, 34.5324, 44.0717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

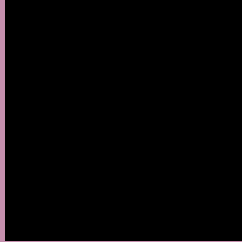
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3912, 34.5324, 44.0717

Background



This preview shows how black text looks on a background with the XYZ color 40.3912, 34.5324, 44.0717.



This preview shows how white text looks on a background with the XYZ color 40.3912, 34.5324,

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

40.3912, 34.5324, 44.0717

Protanopia

34.1879, 34.7997, 49.1711

Deuteranopia

35.4342, 34.8180, 43.3810



Tritanopia

38.8704, 34.5942, 36.5269

Trichromacy



Original Color

40.3912, 34.5324, 44.0717

Protanomaly

36.1055, 34.5832, 47.4201

Deuteranomaly

37.1034, 34.6955, 43.7711

Tritanomaly

39.5012, 34.6309, 39.2528

Monochromacy



Original Color

40.3912, 34.5324, 44.0717

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.5427, 35.6809, 41.5203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3912, 34.5324, 44.0717 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(197, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 143, 173)  
}
```

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(197, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 143, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.3912, 34.5324, 44.0717 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(197, 143, 173) }
```


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

```
.border{ border-color:rgb(197, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 143,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3912, 34.5324, 44.0717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 143, 173) }
```

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

```
.background{ background-color: rgb(197,  
143, 173) }
```

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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