

Converting Colors

XYZ(41.3962, 35.8340, 44.9314)

Have a look what the booklet for
XYZ(41.3962, 35.8340, 44.9314)
contains.

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Color

**XYZ(41.3624, 35.9292,
44.7994)**

Conversions

Conversions Part 1

Format	Color
Hex	C693AE
RGB	198, 147, 174
RGB Percent	78%, 58%, 68%
CMY	0.2235, 0.4235, 0.3176
CMYK	0.00, 0.26, 0.12, 0.22
HSL	328°, 31%, 68%
HSV	328°, 26%, 78%
XYZ	41.3624, 35.9292, 44.7994
YIQ	165.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

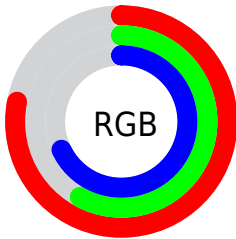
Format	Color
R_{YB}	198, 147, 174
Decimal	13013934
CIE _{Lab}	66.47, 23.45, -6.57
CIE _{LCh}	66, 24.348, 344.343
Yxy	35.9292, 0.3388, 0.2943
Android (android.graphics.Color)	4291204014 (0xFFC693AE)
YUV	165.3270, 4.2758, 28.6542
Hunter-Lab	59.9410, 18.2776, -2.3542

Details

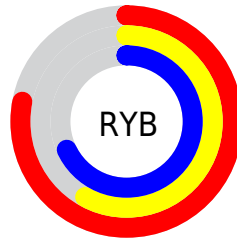
The XYZ color **41.3624, 35.9292, 44.7994** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.5789, 49.5325, 46.0051**, and the grayscale version is **35.8948, 37.7641, 41.1252**.

A 20% lighter version of the original color is **76.2695, 68.6904, 83.3675**, and **19.0234, 15.6105, 20.4228** is the 20% darker color. If you saturate the color by 10%, you get **37.6674, 29.9426, 39.2403**, and if you desaturate by 10%, it is **45.6524, 43.0041, 50.8687**.

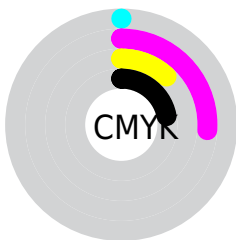
Distribution



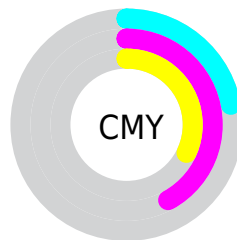
- Red (78%)
- Green (58%)
- Blue (68%)



- Red (78%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (26%)
- Yellow (12%)
- Black (22%)





- Cyan (22%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3624, 35.9292, 44.7994 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 41.3624, 35.9292, 44.7994 by changing the saturation by 10% instead.


 41.3624, 35.9292,
44.7994


 41.3624, 35.9292,
44.7994

342.8698,
328.6510, 382.0969

 28.7913, 24.3795,
30.9577


 76.5050, 68.9228,
83.7346

 19.0665, 15.6154,
20.3084


 99.8071, 91.1355,
109.6651

 11.8226, 9.2524,
12.4331


127.4170,
117.6713, 140.4622

 6.6943, 4.9062,
6.9133

159.7000,
148.9146, 176.5446

 3.3163, 2.1923,
3.3303

197.0214,
185.2498, 218.3307

 1.3232, 0.7158,
1.2657

239.7466,

 0.2005, 0.0000,

227.0614, 266.2391

0.0334

288.2409,
274.7336, 320.6883

■ 0.0000, 0.0000,
0.0000

■ 41.3624, 35.9292,
44.7994

■ 41.3624, 35.9292,
44.7994

■ 37.6674, 29.9426,
39.2403

■ 45.6524, 43.0041,
50.8687

■ 34.5359, 24.9847,
34.1733

■ 50.5608, 51.2132,
57.4607

■ 31.9381, 20.9973,
29.5824


■ 56.1133, 60.6059,
64.5904


■ 29.8401, 17.9148,
25.4498


■ 62.3334, 71.2271,
72.2714


■ 28.2035, 15.6631,
21.7556


■ 69.2432, 83.1193,
80.5165


 26.9844, 14.1563,
18.4781


 73.3193, 89.2340,
88.1569

 26.1282, 13.2875,
15.5915

 74.6628, 89.7714,
95.2316

 25.8293, 13.0220,
14.4676

 76.0773, 90.3372,
102.6802

 77.0989, 90.7459,
108.0599

Harmonies

Analogous

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



39.2932, 35.9292, 55.3266



41.3624, 35.9292, 44.7994



41.4098, 35.9292, 34.3502

Triad

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



41.3624, 35.9292, 44.7994



32.4405, 35.9292, 22.7010



29.3726, 35.9292, 54.9169

Complementary

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



41.3624, 35.9292, 44.7994



39.5789, 49.5325, 46.0051

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.



27.7919, 35.9292, 44.3138



41.3624, 35.9292, 44.7994



29.4757, 35.9292, 26.4357

Square

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



41.3624, 35.9292, 44.7994



36.0788, 35.9292, 22.7841



27.8282, 35.9292, 33.9435



32.2905, 35.9292, 61.8396

Rectangle

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



41.3624, 35.9292, 44.7994



40.2779, 35.9292, 28.8427



27.8282, 35.9292, 33.9435



28.6768, 35.9292, 51.5897

Sweetspot

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



41.3634, 35.9308, 44.8001



87.3764, 87.0649, 98.9061



37.3793, 33.5820, 57.9384



18.4112, 18.1478, 20.7827



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.



41.3634, 35.9308, 44.8001



69.3839, 57.3424, 73.6020



39.1246, 35.0353, 33.0107



10.8645, 10.7292, 12.2700



16.8409, 8.4859, 9.6380



0.8338, 0.4164, 0.6480

Inverse Universe

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



41.3634, 35.9308, 44.8001



69.3839, 57.3424, 73.6020



42.2258, 50.5912, 59.9439



10.8645, 10.7292, 12.2700



16.8409, 8.4859, 9.6380



0.8338, 0.4164, 0.6480

Previews

White Background



This preview shows how the XYZ color 41.3624, 35.9292, 44.7994 looks on a white background.

Color Contrast Check

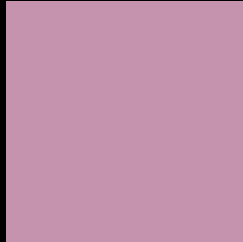
Large Text (above 18pt) WCAG AA × Fail

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 41.3624, 35.9292, 44.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

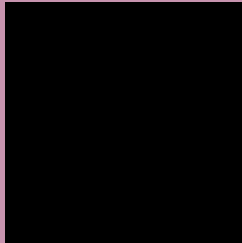
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3624, 35.9292, 44.7994

Background



This preview shows how black text looks on a background with the XYZ color 41.3624, 35.9292, 44.7994.



This preview shows how white text looks on a background with the XYZ color 41.3624, 35.9292,

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

41.3624, 35.9292, 44.7994

Protanopia

35.5902, 36.2796, 49.9266

Deuteranopia

36.7369, 35.9767, 44.0377



Tritanopia

39.9454, 35.8039, 38.5237

Trichromacy



Original Color

41.3624, 35.9292, 44.7994

Protanomaly

37.3603, 35.9565, 48.1512

Deuteranomaly

38.2255, 35.7447, 44.4199

Tritanomaly

40.4988, 35.8033, 40.8526

Monochromacy



Original Color

41.3624, 35.9292, 44.7994

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.4262, 36.6280, 42.1431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3624, 35.9292, 44.7994 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(198, 147, 174)` looks like.

```
.text, #text, p{  
    color:rgb(198, 147, 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(198, 147, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 147, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.3624, 35.9292, 44.7994 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(198, 147, 174) }
```


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

```
.border{ border-color:rgb(198, 147, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 147, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 147, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 147, 174);  
box-shadow:4px 4px 4px 4px rgb(198, 147,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3624, 35.9292, 44.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 147, 174) }
```

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

```
.background{ background-color: rgb(198,  
147, 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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