

Converting Colors

XYZ(40.4741, 33.9154, 43.9483)

Have a look what the booklet for
XYZ(40.4741, 33.9154, 43.9483)
contains.

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Color

**XYZ(40.4741, 33.9154,
43.9483)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C78CAD |
| RGB | 199, 140, 173 |
| RGB Percent | 78%, 55%, 68% |
| CMY | 0.2196, 0.4510, 0.3216 |
| CMYK | 0.00, 0.30, 0.13, 0.22 |
| HSL | 326°, 35%, 66% |
| HSV | 326°, 30%, 78% |
| XYZ | 40.4741, 33.9154, 43.9483 |
| YIQ | 161.4030, 24.5710, 22.7710 |

Conversions

Conversions Part 2

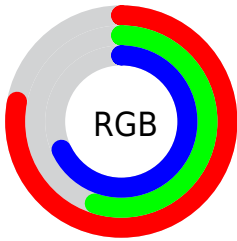
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 199, 140, 173 |
| Decimal | 13077677 |
| CIELab | 64.90, 27.48, -8.33 |
| CIELCh | 65, 28.717, 343.136 |
| Yxy | 33.9154, 0.3420, 0.2866 |
| Android (android.graphics.Color) | 4291267757 (0xFFC78CAD) |
| YUV | 161.4030, 5.7173, 32.9726 |
| Hunter-Lab | 58.2369, 22.1411, -3.9771 |

Details

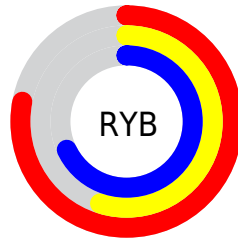
The XYZ color **40.4741, 33.9154, 43.9483** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.1230, 49.1764, 43.5613**, and the grayscale version is **34.0308, 35.8030, 38.9895**.

A 20% lighter version of the original color is **74.5354, 65.4450, 82.1025**, and **18.5252, 14.4545, 19.9028** is the 20% darker color. If you saturate the color by 10%, you get **37.0042, 28.2890, 38.7414**, and if you desaturate by 10%, it is **44.5276, 40.6188, 49.6253**.

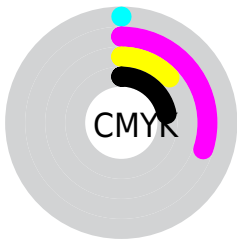
Distribution



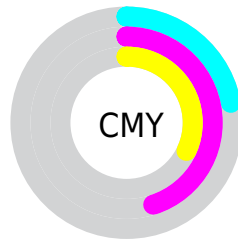
- Red (78%)
- Green (55%)
- Blue (68%)



- Red (78%)
- Yellow (55%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (22%)



- Cyan (22%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4741, 33.9154, 43.9483 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 40.4741, 33.9154, 43.9483 by changing the saturation by 10% instead.


 40.4741, 33.9154,
43.9483


 40.4741, 33.9154,
43.9483

339.2181,
319.7547, 378.5324


 28.0942, 22.8286,
30.2930


 75.1647, 65.8021,
82.4416

 18.5375, 14.4670,
19.8071


 98.2061, 87.3708,
108.1166

 11.4386, 8.4462,
12.0722


 125.5321,
113.2022, 138.6353

 6.4321, 4.3818,
6.6698

157.5080,
143.6808, 174.4162

 3.1527, 1.8893,
3.1811

194.4992,
179.1910, 215.8778

 1.2350, 0.5419,
1.1879

236.8711,

 0.1338, 0.0000,

220.1171, 263.4387

0.0000

284.9889,
266.8435, 317.5174

■ 0.0000, 0.0000,
0.0000

■ 40.4741, 33.9154,
43.9483

■ 40.4741, 33.9154,
43.9483

■ 37.0042, 28.2890,
38.7414

■ 44.5276, 40.6188,
49.6253

■ 34.0854, 23.6779,
33.9874

■ 49.1888, 48.4474,
55.7846

■ 31.6866, 20.0211,
29.6711

■ 54.4844, 57.4522,
62.4402

■ 29.7722, 17.2492,
25.7749

■ 60.4382, 67.6796,
69.6049

■ 28.3018, 15.2830,
22.2797

■ 67.0730, 79.1734,
77.2911

■ 27.2277, 14.0295,
19.1635

■ 72.9889, 89.1324,
85.0367

■ 26.4640, 13.3187,
16.3917

■ 74.2210, 89.6253,
91.5246

■ 26.4392, 13.2965,
16.2987

■ 75.5155, 90.1430,
98.3412

■ 76.8732, 90.6862,
105.4911

Harmonies

Analogous

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



37.9936, 33.9154, 56.1992



40.4741, 33.9154, 43.9483



40.6304, 33.9154, 31.9830

Triad

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



40.4741, 33.9154, 43.9483



30.4592, 33.9154, 18.8713



26.7659, 33.9154, 54.8225

Complementary

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



40.4741, 33.9154, 43.9483



38.1230, 49.1764, 43.5613

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.



25.0849, 33.9154, 42.3583



40.4741, 33.9154, 43.9483



27.0909, 33.9154, 22.6587

Square

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



40.4741, 33.9154, 43.9483



34.6017, 33.9154, 19.1179



25.1985, 33.9154, 30.6984



29.9798, 33.9154, 63.3406

Rectangle

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



40.4741, 33.9154, 43.9483



39.3754, 33.9154, 25.8103



25.1985, 33.9154, 30.6984



26.0157, 33.9154, 50.8526

Sweetspot

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



40.4751, 33.9169, 43.9490



86.5747, 85.5870, 98.2518



35.3235, 30.9417, 58.1439



18.2561, 17.8554, 20.6762



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.



40.4751, 33.9169, 43.9490



66.5799, 52.4083, 70.5894



37.9615, 32.9115, 30.7124



10.8781, 10.7346, 12.3411



17.0455, 8.5678, 10.7156



0.8431, 0.4201, 0.6969

Inverse Universe

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



40.4751, 33.9169, 43.9490



66.5799, 52.4083, 70.5894



41.0976, 50.3663, 59.2255



10.8781, 10.7346, 12.3411



17.0455, 8.5678, 10.7156



0.8431, 0.4201, 0.6969

Previews

White Background



This preview shows how the XYZ color 40.4741, 33.9154, 43.9483 looks on a white background.

Color Contrast Check

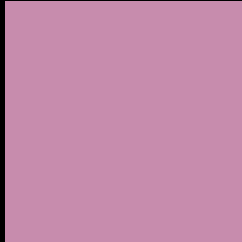
Large Text (above 18pt) WCAG AA × Fail

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 40.4741, 33.9154, 43.9483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

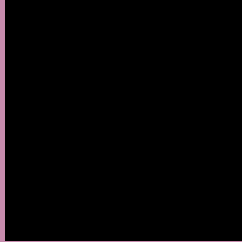
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4741, 33.9154, 43.9483

Background



This preview shows how black text looks on a background with the XYZ color 40.4741, 33.9154, 43.9483.



This preview shows how white text looks on a background with the XYZ color 40.4741, 33.9154,

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

40.4741, 33.9154, 43.9483

Protanopia

33.8456, 34.3469, 50.1932

Deuteranopia

34.6783, 33.9382, 43.2511



Tritanopia

38.6812, 33.8483, 35.0665

Trichromacy



Original Color

40.4741, 33.9154, 43.9483

Protanomaly

35.8824, 33.9746, 47.8466

Deuteranomaly

36.6267, 33.7421, 43.6122

Tritanomaly

39.3947, 33.9250, 38.1901

Monochromacy



Original Color

40.4741, 33.9154, 43.9483

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.8620, 34.6130, 40.3882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4741, 33.9154, 43.9483 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(199, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 140, 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(199, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 140, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.4741, 33.9154, 43.9483 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(199, 140, 173) }
```


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

```
.border{ border-color:rgb(199, 140, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 140,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4741, 33.9154, 43.9483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 140, 173) }
```

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

```
.background{ background-color: rgb(199,  
140, 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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