

Converting Colors

XYZ(40.2642, 33.8999, 43.9722)

Have a look what the booklet for
XYZ(40.2642, 33.8999, 43.9722)
contains.

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Color

**XYZ(40.2096, 33.7791,
43.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	C68CAD
RGB	198, 140, 173
RGB Percent	78%, 55%, 68%
CMY	0.2235, 0.4510, 0.3216
CMYK	0.00, 0.29, 0.13, 0.22
HSL	326°, 34%, 66%
HSV	326°, 29%, 78%
XYZ	40.2096, 33.7791, 43.9359
YIQ	161.1040, 23.9750, 22.5590

Conversions

Conversions Part 2

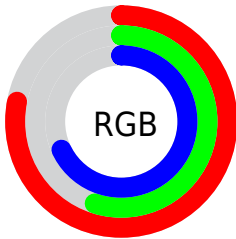
Format	Color
RYB	198, 140, 173
Decimal	13012141
CIELab	64.79, 27.13, -8.50
CIELCh	65, 28.430, 342.595
Yxy	33.7791, 0.3410, 0.2864
Android (android.graphics.Color)	4291202221 (0xFFC68CAD)
YUV	161.1040, 5.8647, 32.3578
Hunter-Lab	58.1198, 21.7838, -4.1367

Details

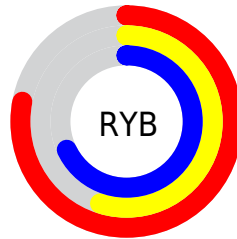
The XYZ color **40.2096, 33.7791, 43.9359** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.8022, 48.6811, 43.0036**, and the grayscale version is **33.8913, 35.6563, 38.8297**.

A 20% lighter version of the original color is **74.5354, 65.4450, 82.1025**, and **18.3513, 14.3649, 19.8946** is the 20% darker color. If you saturate the color by 10%, you get **36.7730, 28.1853, 38.8451**, and if you desaturate by 10%, it is **44.2215, 40.4382, 49.4796**.

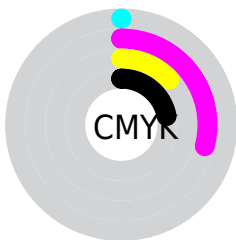
Distribution



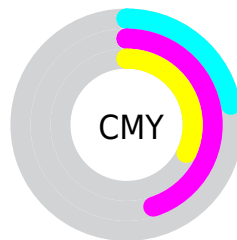
- Red (78%)
- Green (55%)
- Blue (68%)



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



- Cyan (0%)
- Magenta (29%)
- Yellow (13%)
- Black (22%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2096, 33.7791, 43.9359 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 40.2096, 33.7791, 43.9359 by changing the saturation by 10% instead.


 40.2096, 33.7791,
43.9359


 40.2096, 33.7791,
43.9359

338.1255,
319.1459, 378.4803


 27.8869, 22.7239,
30.2833


 74.7649, 65.5900,
82.4227

 18.3805, 14.3898,
19.7998


 97.7282, 87.1145,
108.0940

 11.3248, 8.3923,
12.0670


 124.9692,
112.8977, 138.6086

 6.3547, 4.3470,
6.6662

156.8531,
143.3238, 174.3851

 3.1046, 1.8695,
3.1790

193.7453,
178.7773, 215.8420

 1.2093, 0.5299,
1.1867

236.0112,

 0.1137, 0.0000,

219.6425, 263.3978

0.0000

284.0162,
266.3040, 317.4710

■ 0.0000, 0.0000,
0.0000

■ 40.2096, 33.7791,
43.9359

■ 40.2096, 33.7791,
43.9359

■ 36.7730, 28.1853,
38.8451

■ 44.2215, 40.4382,
49.4796

■ 33.8799, 23.5960,
34.1906

■ 48.8325, 48.2100,
55.4876

■ 31.4996, 19.9512,
29.9576

■ 54.0688, 57.1446,
61.9736

■ 29.5972, 17.1825,
26.1294

■ 59.9537, 67.2879,
68.9500

■ 28.1331, 15.2125,
22.6874

■ 66.5098, 78.6831,
76.4284

■ 27.0607, 13.9497,
19.6107

■ 72.5321, 88.9191,
84.0116

■ 26.2992, 13.2344,
16.8667

■ 73.7206, 89.3946,
90.2703

■ 26.2498, 13.1902,
16.6821

■ 74.9681, 89.8936,
96.8396

■ 76.2754, 90.4165,
103.7236

Harmonies

Analogous

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



37.7279, 33.7791, 55.9748



40.2096, 33.7791, 43.9359



40.4084, 33.7791, 32.0839

Triad

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



40.2096, 33.7791, 43.9359



30.4215, 33.7791, 18.8878



26.6580, 33.7791, 54.2253

Complementary

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



40.2096, 33.7791, 43.9359



37.8022, 48.6811, 43.0036

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.



25.0267, 33.7791, 41.9127



40.2096, 33.7791, 43.9359



27.0723, 33.7791, 22.5669

Square

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



40.2096, 33.7791, 43.9359



34.5161, 33.7791, 19.2032



25.1716, 33.7791, 30.4461



29.8108, 33.7791, 62.7274

Rectangle

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



40.2096, 33.7791, 43.9359



39.1974, 33.7791, 25.9324



25.1716, 33.7791, 30.4461



25.9260, 33.7791, 50.2950

Sweetspot

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



40.2106, 33.7806, 43.9366



86.6085, 85.6005, 98.4298



34.9168, 30.7455, 57.5206



18.2644, 17.8587, 20.7200



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.



40.2106, 33.7806, 43.9366



67.2938, 53.4268, 72.0896



37.7660, 32.8028, 31.0637



10.8824, 10.7364, 12.3641



17.1144, 8.5953, 11.0783



0.8462, 0.4213, 0.7132

Inverse Universe

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



40.2106, 33.7806, 43.9366



67.2938, 53.4268, 72.0896



40.6546, 49.8221, 58.0241



10.8824, 10.7364, 12.3641



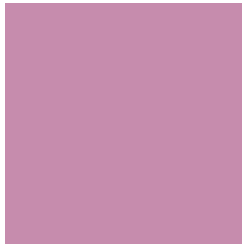
17.1144, 8.5953, 11.0783



0.8462, 0.4213, 0.7132

Previews

White Background



This preview shows how the XYZ color 40.2096, 33.7791, 43.9359 looks on a white background.

Color Contrast Check

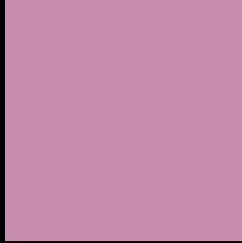
Large Text (above 18pt) WCAG AA × Fail

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 40.2096, 33.7791, 43.9359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

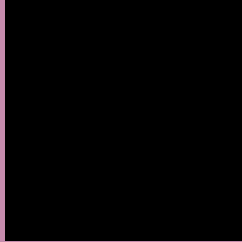
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2096, 33.7791, 43.9359

Background



This preview shows how black text looks on a background with the XYZ color 40.2096, 33.7791, 43.9359.



This preview shows how white text looks on a background with the XYZ color 40.2096, 33.7791,

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

40.2096, 33.7791, 43.9359

Protanopia

33.3846, 33.8712, 49.5780

Deuteranopia

34.6783, 33.9382, 43.2511



Tritanopia

38.4201, 33.7138, 35.0543

Trichromacy



Original Color

40.2096, 33.7791, 43.9359

Protanomaly

35.4052, 33.5024, 47.2484

Deuteranomaly

36.3964, 33.6233, 43.6014

Tritanomaly

39.1320, 33.7895, 38.1778

Monochromacy



Original Color

40.2096, 33.7791, 43.9359

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.6383, 34.4977, 40.3777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2096, 33.7791, 43.9359 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, 140, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 140, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 140, 173) }
```

Border

The CSS property to change the border of an element to XYZ 40.2096, 33.7791, 43.9359 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, 140, 173) }
```


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

```
.border{ border-color:rgb(198, 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(198, 140, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 140, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 140, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 140,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2096, 33.7791, 43.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 140, 173) }
```

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

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