

Converting Colors

XYZ(44.7464, 40.6122, 44.5103)

Have a look what the booklet for
XYZ(44.7464, 40.6122, 44.5103)
contains.

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Color

**XYZ(44.7464, 40.6122,
44.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9FAC
RGB	204, 159, 172
RGB Percent	80%, 62%, 67%
CMY	0.2000, 0.3765, 0.3255
CMYK	0.00, 0.22, 0.16, 0.20
HSL	343°, 31%, 71%
HSV	343°, 22%, 80%
XYZ	44.7464, 40.6122, 44.5103
YIQ	173.9370, 22.6470, 13.5830

Conversions

Conversions Part 2

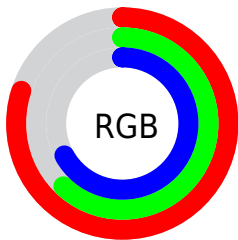
Format	Color
RYB	204, 159, 172
Decimal	13410220
CIELab	69.90, 18.69, -0.32
CIELCh	70, 18.694, 359.008
Yxy	40.6122, 0.3446, 0.3127
Android (android.graphics.Color)	4291600300 (0xFFCC9FAC)
YUV	173.9370, -0.9549, 26.3653
Hunter-Lab	63.7277, 13.8103, 3.1986

Details

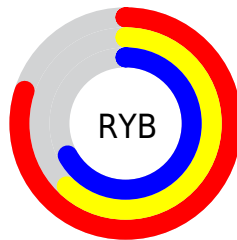
The XYZ color **44.7464, 40.6122, 44.5103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.2966, 54.3193, 57.3901**, and the grayscale version is **40.1973, 42.2907, 46.0546**.

A 20% lighter version of the original color is **79.1517, 74.8992, 82.9583**, and **21.0423, 18.2610, 20.1850** is the 20% darker color. If you saturate the color by 10%, you get **40.2056, 33.6397, 36.4936**, and if you desaturate by 10%, it is **50.0206, 48.8071, 53.5230**.

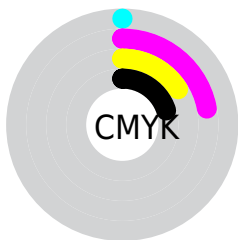
Distribution



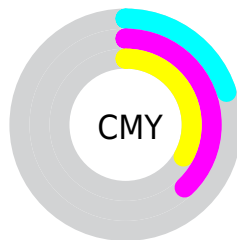
- Red (80%)
- Green (62%)
- Blue (67%)



- Red (80%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (16%)
- Black (20%)





- Cyan (20%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.7464, 40.6122, 44.5103 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 44.7464, 40.6122, 44.5103 by changing the saturation by 10% instead.


 44.7464, 40.6122,
44.5103

 44.7464, 40.6122,
44.5103


356.5465,
348.6972, 380.8888

 31.4581, 28.0162,
30.7317


 81.5791, 76.0949,
83.2957

 21.1015, 18.3379,
20.1379


 105.8543, 99.7503,
109.1397

 13.3111, 11.1928,
12.3103

134.5226,
127.8610, 139.8425

 7.7216, 6.1967,
6.8303

167.9492,
160.8113, 175.8227

 3.9676, 2.9650,
3.2793

206.4995,
198.9857, 217.4990

 1.6838, 1.1135,
1.2390

250.5389,

 0.4461, 0.0000,

242.7686, 265.2897

0.0110

300.4328,
292.5443, 319.6134

■ 0.0000, 0.0000,
0.0000

■ 44.7464, 40.6122,
44.5103

■ 44.7464, 40.6122,
44.5103

■ 40.2056, 33.6397,
36.4936

■ 50.0206, 48.8071,
53.5230

■ 36.3614, 27.8253,
29.4352

■ 56.0558, 58.2736,
63.5623

■ 33.1793, 23.1075,
23.2987

■ 62.8824, 69.0650,
74.6607

■ 30.6199, 19.4162,
18.0444

■ 70.5281, 81.2296,
86.8486

■ 28.6397, 16.6739,
13.6293

■ 77.0734, 90.9220,
99.5064

■ 27.1892, 14.7913,
10.0067

■ 78.7121, 91.5775,
108.1354

■ 26.2100, 13.6620,
7.1240

■ 25.6895, 13.1524,
5.3118

Harmonies

Analogous

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



43.8326, 40.6122, 53.4141



44.7464, 40.6122, 44.5103



43.9429, 40.6122, 36.5869

Triad

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



44.7464, 40.6122, 44.5103



35.8343, 40.6122, 31.1332



35.6678, 40.6122, 60.1825

Complementary

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



44.7464, 40.6122, 44.5103



45.2966, 54.3193, 57.3901

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.



33.7100, 40.6122, 52.8466



44.7464, 40.6122, 44.5103



33.8026, 40.6122, 36.1462

Square

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



44.7464, 40.6122, 44.5103



38.7020, 40.6122, 29.5021



33.0451, 40.6122, 43.9305



38.4995, 40.6122, 63.1630

Rectangle

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



44.7464, 40.6122, 44.5103



42.5641, 40.6122, 32.7472



33.0451, 40.6122, 43.9305



34.8912, 40.6122, 58.1005

Sweetspot

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



44.7475, 40.6140, 44.5111



87.6406, 88.3445, 96.6783



44.6590, 40.1695, 62.5270



18.6285, 18.7052, 20.4763



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.



44.7475, 40.6140, 44.5111



70.7398, 62.0729, 67.8304



45.1639, 43.3476, 38.7896



11.3434, 11.2661, 12.3428



16.2044, 8.2924, 3.5292



0.8693, 0.4411, 0.3574

Inverse Universe

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



44.7475, 40.6140, 44.5111



70.7398, 62.0729, 67.8304



44.7137, 50.7620, 64.5686



11.3434, 11.2661, 12.3428



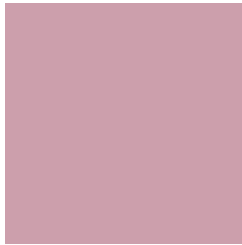
16.2044, 8.2924, 3.5292



0.8693, 0.4411, 0.3574

Previews

White Background



This preview shows how the XYZ color 44.7464, 40.6122, 44.5103 looks on a white background.

Color Contrast Check

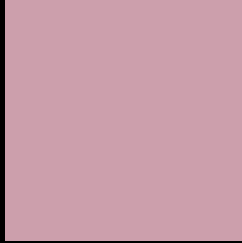
Large Text (above 18pt) WCAG AA × Fail

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 44.7464, 40.6122, 44.5103 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 44.7464, 40.6122, 44.5103

Background



This preview shows how black text looks on a background with the XYZ color 44.7464, 40.6122, 44.5103.



This preview shows how white text looks on a background with the XYZ color 44.7464, 40.6122,

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

44.7464, 40.6122, 44.5103

Protanopia

39.5247, 40.7748, 48.4350

Deuteranopia

41.7259, 40.9041, 44.2242



Tritanopia

44.6507, 40.5739, 44.0063

Trichromacy



Original Color

44.7464, 40.6122, 44.5103

Protanomaly

41.2399, 40.5974, 46.7368

Deuteranomaly

42.6960, 40.6040, 44.1151

Tritanomaly

44.6507, 40.5739, 44.0063

Monochromacy



Original Color

44.7464, 40.6122, 44.5103

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.7384, 41.7074, 45.3856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7464, 40.6122, 44.5103 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(204, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 172)  
}
```

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(204, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 172) }
```

Border

The CSS property to change the border of an element to XYZ 44.7464, 40.6122, 44.5103 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(204, 159, 172) }
```


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

```
.border{ border-color:rgb(204, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7464, 40.6122, 44.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 172) }
```

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

```
.background{ background-color: rgb(204,  
159, 172) }
```

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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