

Converting Colors

XYZ(43.8697, 40.7494, 44.3692)

Have a look what the booklet for
XYZ(43.8697, 40.7494, 44.3692)
contains.

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Color

**XYZ(43.7445, 40.6104,
44.5627)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A1AC
RGB	199, 161, 172
RGB Percent	78%, 63%, 67%
CMY	0.2196, 0.3686, 0.3255
CMYK	0.00, 0.19, 0.14, 0.22
HSL	343°, 25%, 71%
HSV	343°, 19%, 78%
XYZ	43.7445, 40.6104, 44.5627
YIQ	173.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

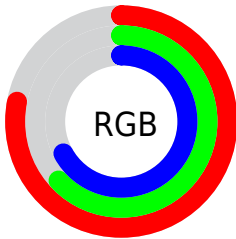
Format	Color
R_{YB}	199, 161, 172
Decimal	13083052
CIE Lab	69.90, 15.77, -0.38
CIE LCh	70, 15.776, 358.605
Yxy	40.6104, 0.3393, 0.3150
Android (android.graphics.Color)	4291273132 (0xFFC7A1AC)
YUV	173.6160, -0.7967, 22.2618
Hunter-Lab	63.7263, 11.0092, 3.1479

Details

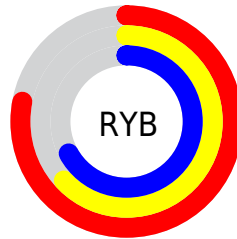
The XYZ color **43.7445, 40.6104, 44.5627** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.2002, 52.0559, 55.2978**, and the grayscale version is **40.0332, 42.1181, 45.8666**.

A 20% lighter version of the original color is **79.6610, 75.9178, 83.1281**, and **20.5359, 18.3131, 20.2217** is the 20% darker color. If you saturate the color by 10%, you get **39.2533, 33.6867, 36.7180**, and if you desaturate by 10%, it is **48.9360, 48.7025, 53.3548**.

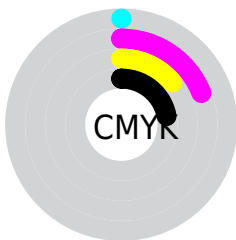
Distribution



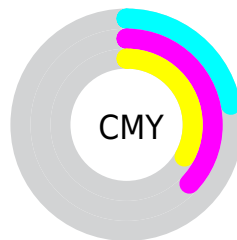
- Red (78%)
- Green (63%)
- Blue (67%)



- Red (78%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (22%)




- Cyan (22%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7445, 40.6104, 44.5627 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 43.7445, 40.6104, 44.5627 by changing the saturation by 10% instead.


 43.7445, 40.6104,
44.5627

 43.7445, 40.6104,
44.5627


352.5345,
348.6896, 381.1079

 30.6667, 28.0148,
30.7727


 80.0819, 76.0921,
83.3753

 20.4958, 18.3368,
20.1688

 104.0722, 99.7470,
109.2349

 12.8663, 11.1921,
12.3325


132.4308,
127.8571, 139.9549

 7.4129, 6.1962,
6.8453

165.5229,
160.8068, 175.9537

 3.7703, 2.9647,
3.2885

203.7140,
198.9805, 217.6498

 1.5730, 1.1133,
1.2438

247.3694,

 0.3747, 0.0000,

242.7626, 265.4619

0.0150

296.8544,
292.5376, 319.8084

■ 0.0000, 0.0000,
0.0000

■ 43.7445, 40.6104,
44.5627

■ 43.7445, 40.6104,
44.5627

■ 39.2533, 33.6867,
36.7180

■ 48.9360, 48.7025,
53.3548

■ 35.4283, 27.8718,
29.7857

■ 54.8531, 58.0080,
63.1226

■ 32.2378, 23.1092,
23.7324

■ 61.5239, 68.5762,
73.8963

■ 29.6458, 19.3353,
18.5215

■ 68.9741, 80.4521,
85.7039

■ 27.6128, 16.4792,
14.1137

■ 75.4467, 90.1155,
97.9786

■ 26.0941, 14.4609,
10.4661

■ 77.3635, 90.8823,
108.0723

■ 25.0378, 13.1861,
7.5314

■ 24.3592, 12.4959,
5.2486

■ 24.3068, 12.4436,
5.0695

Harmonies

Analogous

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



42.9656, 40.6104, 51.9948



43.7445, 40.6104, 44.5627



43.0947, 40.6104, 37.7918

Triad

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



43.7445, 40.6104, 44.5627



36.2846, 40.6104, 32.9362



36.0854, 40.6104, 57.4094

Complementary

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



43.7445, 40.6104, 44.5627



44.2002, 52.0559, 55.2978

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.



34.4273, 40.6104, 51.3339



43.7445, 40.6104, 44.5627



34.5387, 40.6104, 37.2577

Square

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



43.7445, 40.6104, 44.5627



38.7192, 40.6104, 31.5425



33.8736, 40.6104, 43.8747



38.4790, 40.6104, 59.9017

Rectangle

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



43.7445, 40.6104, 44.5627



41.9543, 40.6104, 34.4421



33.8736, 40.6104, 43.8747



35.4275, 40.6104, 55.6876

Sweetspot

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



43.7456, 40.6122, 44.5636



88.6604, 89.9431, 98.3777



43.6958, 40.2558, 59.5006



18.8343, 19.0276, 20.8200



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.



43.7456, 40.6122, 44.5636



73.1103, 65.7185, 71.9980



44.1013, 42.9444, 39.6851



10.7580, 10.6866, 11.7090



15.6630, 8.0148, 3.4353



0.7737, 0.3923, 0.3316

Inverse Universe

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



43.7456, 40.6122, 44.5636



73.1103, 65.7185, 71.9980



43.7264, 49.1382, 61.2135



10.7580, 10.6866, 11.7090



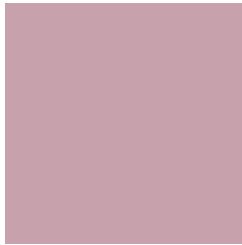
15.6630, 8.0148, 3.4353



0.7737, 0.3923, 0.3316

Previews

White Background



This preview shows how the XYZ color 43.7445, 40.6104, 44.5627 looks on a white background.

Color Contrast Check

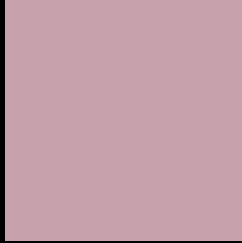
Large Text (above 18pt) WCAG AA × Fail

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 43.7445, 40.6104, 44.5627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

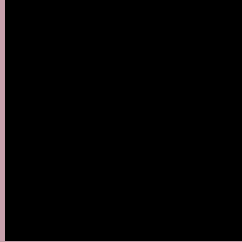
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7445, 40.6104, 44.5627

Background



This preview shows how black text looks on a background with the XYZ color 43.7445, 40.6104, 44.5627.



This preview shows how white text looks on a background with the XYZ color 43.7445, 40.6104,

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

43.7445, 40.6104, 44.5627

Protanopia

39.3238, 40.6944, 47.3772

Deuteranopia

41.4804, 40.7775, 44.2127



Tritanopia

43.8409, 40.6490, 45.0705

Trichromacy



Original Color

43.7445, 40.6104, 44.5627

Protanomaly

40.8480, 40.6777, 46.2561

Deuteranomaly

42.1120, 40.5676, 44.1389

Tritanomaly

43.8409, 40.6490, 45.0705

Monochromacy



Original Color

43.7445, 40.6104, 44.5627

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.2592, 41.4603, 45.3632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7445, 40.6104, 44.5627 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, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(199, 161, 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(199, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 161, 172) }
```

Border

The CSS property to change the border of an element to XYZ 43.7445, 40.6104, 44.5627 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, 161, 172) }
```


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

```
.border{ border-color:rgb(199, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(199, 161,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7445, 40.6104, 44.5627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 161, 172) }
```

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

```
.background{ background-color: rgb(199,  
161, 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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