

Converting Colors

XYZ(43.9979, 42.7241, 39.6927)

Have a look what the booklet for
XYZ(43.9979, 42.7241, 39.6927)
contains.

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Color

**XYZ(43.9888, 42.7206,
39.6456)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A8A1
RGB	199, 168, 161
RGB Percent	78%, 66%, 63%
CMY	0.2196, 0.3412, 0.3686
CMYK	0.00, 0.16, 0.19, 0.22
HSL	11°, 25%, 71%
HSV	11°, 19%, 78%
XYZ	43.9888, 42.7206, 39.6456
YIQ	176.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

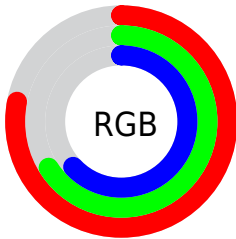
Format	Color
RYB	199, 170, 161
Decimal	13084833
CIELab	71.36, 10.18, 7.81
CIElCh	71, 12.836, 37.498
Yxy	42.7206, 0.3481, 0.3381
Android (android.graphics.Color)	4291274913 (0xFFC7A8A1)
YUV	176.4710, -7.6272, 19.7579
Hunter-Lab	65.3610, 5.7511, 9.7895

Details

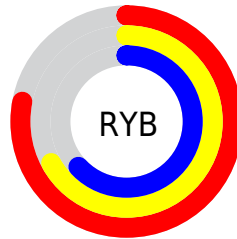
The XYZ color **43.9888, 42.7206, 39.6456** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8559, 49.3984, 61.2564**, and the grayscale version is **41.5447, 43.7083, 47.5983**.

A 20% lighter version of the original color is **80.0223, 78.9932, 75.9953**, and **20.7369, 19.6363, 17.4491** is the 20% darker color. If you saturate the color by 10%, you get **39.5599, 36.4511, 30.1895**, and if you desaturate by 10%, it is **49.0734, 49.8539, 50.6992**.

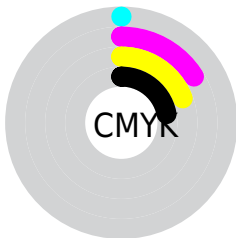
Distribution



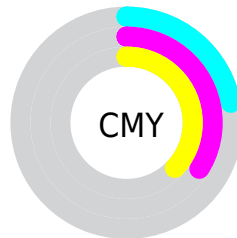
- Red (78%)
- Green (66%)
- Blue (63%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9888, 42.7206, 39.6456 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 43.9888, 42.7206, 39.6456 by changing the saturation by 10% instead.


 43.9888, 42.7206,
39.6456


 43.9888, 42.7206,
39.6456


353.5156,
357.4615, 360.1351

 30.8596, 29.6660,
26.9506

 80.4473, 79.2891,
75.8547

 20.6432, 19.5852,
17.3041


 104.5074,
103.5717, 100.2060

 12.9744, 12.0939,
10.2873

132.9417,
132.3657, 129.2797

 7.4878, 6.8076,
5.4817

166.1157,
166.0556, 163.4945

 3.8180, 3.3421,
2.4690

204.3948,
205.0257, 203.2689

 1.5997, 1.3128,
0.8236

248.1442,

 0.3922, 0.1511,

249.6605, 249.0215

0.0000

297.7293,
300.3443, 301.1707

■ 0.0000, 0.0000,
0.0000

■ 43.9888, 42.7206,
39.6456

■ 43.9888, 42.7206,
39.6456

■ 39.5599, 36.4511,
30.1895

■ 49.0734, 49.8539,
50.6992

■ 35.7564, 31.0068,
22.2542

■ 54.8357, 57.8761,
63.4169

■ 32.5506, 26.3549,
15.7608

■ 61.3006, 66.8186,
77.8645

■ 29.9114, 22.4580,
10.6220

■ 68.4911, 76.7094,
94.1037

■ 27.8048, 19.2757,
6.7411

■ 75.5302, 87.2160,
107.4612

■ 26.1927, 16.7638,
4.0085

■ 77.3633, 90.8822,
108.0723

■ 25.0322, 14.8728,
2.2954

■ 24.2610, 13.5418,
1.3868

■ 24.2049, 13.4454,
1.3195

Harmonies

Analogous

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



44.8621, 42.7206, 44.9809



43.9888, 42.7206, 39.6456



42.2146, 42.7206, 36.3714

Triad

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



43.9888, 42.7206, 39.6456



36.8881, 42.7206, 42.1112



41.1489, 42.7206, 59.3296

Complementary

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



43.9888, 42.7206, 39.6456



43.8559, 49.3984, 61.2564

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.



39.0362, 42.7206, 58.3894



43.9888, 42.7206, 39.6456



36.6255, 42.7206, 48.0846

Square

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



43.9888, 42.7206, 39.6456



38.1291, 42.7206, 37.7044



37.3987, 42.7206, 54.1364



43.1851, 42.7206, 56.6022

Rectangle

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



43.9888, 42.7206, 39.6456



40.7862, 42.7206, 35.6179



37.3987, 42.7206, 54.1364



40.4237, 42.7206, 59.4359

Sweetspot

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



43.9900, 42.7225, 39.6465



88.8308, 91.3477, 95.1546



45.8165, 41.4396, 55.4727



18.8743, 19.3582, 20.0610



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.



43.9900, 42.7225, 39.6465



73.5954, 69.9648, 62.0593



47.7498, 50.2422, 40.8998



10.7894, 10.9479, 11.1073



15.6116, 8.7403, 0.8642



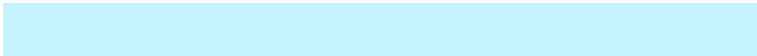
0.7885, 0.5125, 0.0574

Inverse Universe

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



43.8559, 49.3984, 61.2564



73.3139, 83.8184, 106.9223



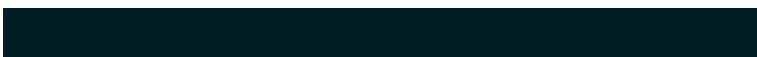
39.9571, 41.6010, 59.9569



10.7741, 11.7223, 13.6123



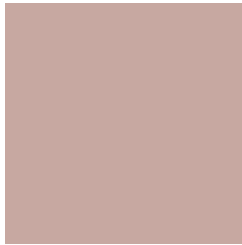
15.0327, 19.4593, 37.7081



0.7562, 1.0102, 1.8003

Previews

White Background



This preview shows how the XYZ color 43.9888, 42.7206, 39.6456 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 43.9888, 42.7206, 39.6456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

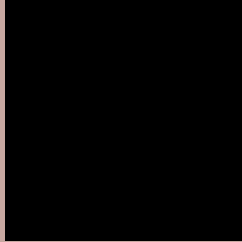
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9888, 42.7206, 39.6456

Background



This preview shows how black text looks on a background with the XYZ color 43.9888, 42.7206, 39.6456.



This preview shows how white text looks on a background with the XYZ color 43.9888, 42.7206,

39.6456.

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

43.9888, 42.7206, 39.6456

Protanopia

40.8929, 42.7762, 41.2233

Deuteranopia

43.6469, 42.8195, 39.6828



Tritanopia

45.5784, 42.5421, 47.9287

Trichromacy



Original Color

43.9888, 42.7206, 39.6456

Protanomaly

42.1024, 42.8408, 40.7004

Deuteranomaly

43.9097, 42.9549, 39.6950

Tritanomaly

44.9020, 42.5304, 44.8723

Monochromacy



Original Color

43.9888, 42.7206, 39.6456

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.0614, 43.0178, 44.6145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9888, 42.7206, 39.6456 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, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 161)  
}
```

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, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 161) }
```

Border

The CSS property to change the border of an element to XYZ 43.9888, 42.7206, 39.6456 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, 168, 161) }
```


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

```
.border{ border-color:rgb(199, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9888, 42.7206, 39.6456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 161) }
```

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

```
.background{ background-color: rgb(199,  
168, 161) }
```

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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