

Converting Colors

XYZ(44.9888, 42.8571, 44.4292)

Have a look what the booklet for
XYZ(44.9888, 42.8571, 44.4292)
contains.

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Color

**XYZ(44.9888, 42.8571,
44.4292)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A7AB
RGB	200, 167, 171
RGB Percent	78%, 65%, 67%
CMY	0.2157, 0.3451, 0.3294
CMYK	0.00, 0.16, 0.14, 0.22
HSL	353°, 23%, 72%
HSV	353°, 16%, 78%
XYZ	44.9888, 42.8571, 44.4292
YIQ	177.3230, 18.3840, 8.2400

Conversions

Conversions Part 2

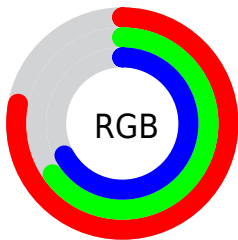
Format	Color
R _{YB}	200, 167, 171
Decimal	13150123
CIE Lab	71.46, 12.69, 2.45
CIE LCh	71, 12.926, 10.912
Yxy	42.8571, 0.3401, 0.3240
Android (android.graphics.Color)	4291340203 (0xFFC8A7AB)
YUV	177.3230, -3.1172, 19.8877
Hunter-Lab	65.4653, 8.1037, 5.5875

Details

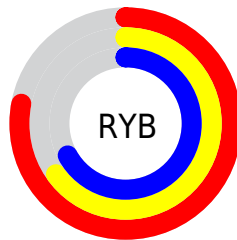
The XYZ color **44.9888, 42.8571, 44.4292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.5561, 53.5105, 60.1019**, and the grayscale version is **41.9699, 44.1556, 48.0854**.

A 20% lighter version of the original color is **81.0887, 78.9935, 82.9249**, and **21.3146, 19.7044, 20.1327** is the 20% darker color. If you saturate the color by 10%, you get **40.0389, 35.4623, 35.0554**, and if you desaturate by 10%, it is **50.7306, 51.4781, 55.1673**.

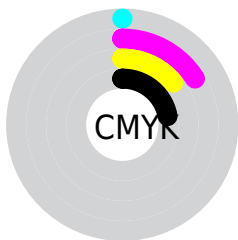
Distribution



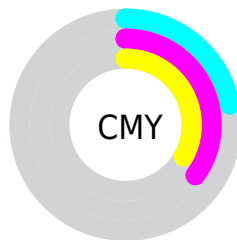
- Red (78%)
- Green (65%)
- Blue (67%)



- Red (78%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9888, 42.8571, 44.4292 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 44.9888, 42.8571, 44.4292 by changing the saturation by 10% instead.


 44.9888, 42.8571,
44.4292

 44.9888, 42.8571,
44.4292


357.5127,
358.0238, 380.5494

 31.6498, 29.7730,
30.6684


 81.9408, 79.4952,
83.1725

 21.2484, 19.6664,
20.0901


 106.2845,
103.8179, 108.9922

 13.4192, 12.1528,
12.2759


135.0272,
132.6557, 139.6685

 7.7968, 6.8478,
6.8070

168.5342,
166.3929, 175.6200

 4.0159, 3.3671,
3.2651

207.1709,
205.4140, 217.2654

 1.7112, 1.3263,
1.2315

251.3027,

 0.4632, 0.1614,

250.1032, 265.0230

0.0047

301.2948,
300.8450, 319.3115

0.0000, 0.0000,
0.0000

44.9888, 42.8571,
44.4292

44.9888, 42.8571,
44.4292

40.0389, 35.4623,
35.0554

50.7306, 51.4781,
55.1673

35.8425, 29.2326,
26.9885

57.2933, 61.3714,
67.3186

32.3637, 24.1102,
20.1712

64.7086, 72.5878,
80.9327

29.5620, 20.0301,
14.5406

73.0058, 85.1737,
96.0562

27.3927, 16.9206,
10.0287

77.6296, 91.0194,
108.0847

■ 25.8060, 14.7007,
6.5600

■ 24.7442, 13.2766,
4.0501

■ 24.1348, 12.5272,
2.3998

■ 23.9868, 12.3463,
1.9952

Harmonies

Analogous

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



44.8238, 42.8571, 50.6995



44.9888, 42.8571, 44.4292



43.9837, 42.8571, 39.2382

Triad

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



44.9888, 42.8571, 44.4292



38.0515, 42.8571, 38.1702



39.3794, 42.8571, 58.9478

Complementary

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



44.9888, 42.8571, 44.4292



46.5561, 53.5105, 60.1019

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.



37.6492, 42.8571, 54.9723



44.9888, 42.8571, 44.4292



36.9016, 42.8571, 42.8487

Square

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



44.9888, 42.8571, 44.4292



39.9464, 42.8571, 35.8449



36.7570, 42.8571, 48.9727



41.5327, 42.8571, 59.4669

Rectangle

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



44.9888, 42.8571, 44.4292



42.8056, 42.8571, 36.9435



36.7570, 42.8571, 48.9727



38.7311, 42.8571, 57.9558

Sweetspot

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



44.9900, 42.8590, 44.4301



89.3645, 91.4323, 98.3624



46.9063, 43.4918, 60.5664



18.9630, 19.3224, 20.7475



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.



44.9900, 42.8590, 44.4301



74.4878, 69.1077, 70.5016



46.9359, 47.3513, 43.2276



10.6853, 10.6575, 11.3259



15.2694, 7.8573, 1.3628



0.7408, 0.3792, 0.1583

Inverse Universe

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



44.9900, 42.8590, 44.4301



74.4878, 69.1077, 70.5016



44.3251, 48.3108, 61.6326



10.6853, 10.6575, 11.3259



15.2694, 7.8573, 1.3628



0.7408, 0.3792, 0.1583

Previews

White Background



This preview shows how the XYZ color 44.9888, 42.8571, 44.4292 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 44.9888, 42.8571, 44.4292 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 44.9888, 42.8571, 44.4292

Background



This preview shows how black text looks on a background with the XYZ color 44.9888, 42.8571, 44.4292.



This preview shows how white text looks on a background with the XYZ color 44.9888, 42.8571,

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

44.9888, 42.8571, 44.4292

Protanopia

41.2340, 42.8322, 46.6516

Deuteranopia

43.7868, 42.7855, 44.4787



Tritanopia

45.8603, 42.9446, 48.5199

Trichromacy



Original Color

44.9888, 42.8571, 44.4292

Protanomaly

42.4526, 42.6209, 46.0336

Deuteranomaly

44.1183, 42.6813, 44.4411

Tritanomaly

45.5601, 42.8245, 46.9390

Monochromacy



Original Color

44.9888, 42.8571, 44.4292

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.6890, 43.2966, 46.6646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9888, 42.8571, 44.4292 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(200, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(200, 167, 171)  
}
```

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(200, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 167, 171) }
```

Border

The CSS property to change the border of an element to XYZ 44.9888, 42.8571, 44.4292 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(200, 167, 171) }
```


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

```
.border{ border-color:rgb(200, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(200, 167,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9888, 42.8571, 44.4292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 167, 171) }
```

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

```
.background{ background-color: rgb(200,  
167, 171) }
```

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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