

Converting Colors

XYZ(47.2081, 44.6526, 44.6259)

Have a look what the booklet for
XYZ(47.2081, 44.6526, 44.6259)
contains.

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Color

**XYZ(47.2708, 44.5816,
44.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA9AB
RGB	207, 169, 171
RGB Percent	81%, 66%, 67%
CMY	0.1882, 0.3372, 0.3294
CMYK	0.00, 0.18, 0.17, 0.19
HSL	357°, 28%, 74%
HSV	357°, 18%, 81%
XYZ	47.2708, 44.5816, 44.6417
YIQ	180.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

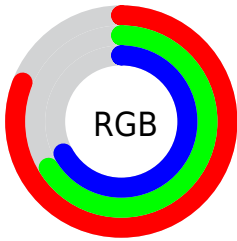
Format	Color
R_{YB}	207, 169, 171
Decimal	13609387
CIE _{Lab}	72.62, 14.18, 4.21
CIE _{LCh}	73, 14.793, 16.521
Yxy	44.5816, 0.3463, 0.3266
Android (android.graphics.Color)	4291799467 (0xFFCFA9AB)
YUV	180.5900, -4.7279, 23.1616
Hunter-Lab	66.7695, 9.5262, 7.0976

Details

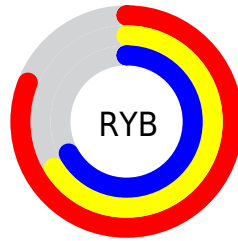
The XYZ color **47.2708, 44.5816, 44.6417** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6963, 57.4696, 66.2340**, and the grayscale version is **43.7171, 45.9938, 50.0872**.

A 20% lighter version of the original color is **81.6231, 80.0623, 83.1031**, and **22.6400, 20.7299, 20.2608** is the 20% darker color. If you saturate the color by 10%, you get **41.9877, 36.7881, 34.3317**, and if you desaturate by 10%, it is **53.4435, 53.7094, 56.6178**.

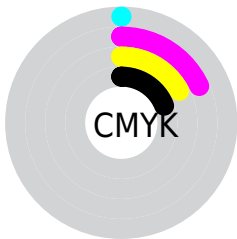
Distribution



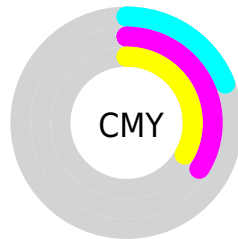
- Red (81%)
- Green (66%)
- Blue (67%)



- Red (81%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2708, 44.5816, 44.6417 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 47.2708, 44.5816, 44.6417 by changing the saturation by 10% instead.


 47.2708, 44.5816,
44.6417


 47.2708, 44.5816,
44.6417


366.5253,
365.0764, 381.4382

 33.4586, 31.1280,
30.8344


 85.3340, 82.0922,
83.4952

 22.6389, 20.6963,
20.2154


 110.3157,
106.9180, 109.3785

 14.4463, 12.9022,
12.3661


139.7513,
136.3033, 140.1243

 8.5155, 7.3612,
6.8679

174.0062,
170.6325, 176.1510

 4.4811, 3.6890,
3.3025

213.4457,
210.2900, 217.8772

 1.9778, 1.5012,
1.2511

258.4351,

 0.6214, 0.2896,

255.6602, 265.7214

0.0212

309.3399,
307.1276, 320.1023

■ 0.0000, 0.0000,
0.0000

■ 47.2708, 44.5816,
44.6417

■ 47.2708, 44.5816,
44.6417

■ 41.9877, 36.7881,
34.3317

■ 53.4435, 53.7094,
56.6178

■ 37.5496, 30.2608,
25.6113

■ 60.5402, 64.2234,
70.3262

■ 33.9139, 24.9345,
18.4024

■ 68.5980, 76.1804,
85.8331

■ 31.0324, 20.7362,
12.6188

■ 77.6510, 89.6319,
103.2002

■ 28.8523, 17.5845,
8.1661

■ 79.5423, 92.0055,
108.1743

■ 27.3134, 15.3874,
4.9381

■ 26.3457, 14.0369,
2.8126

■ 25.8492, 13.3714,
1.6376

■ 25.7920, 13.2894,
1.5185

Harmonies

Analogous

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



47.3436, 44.5816, 51.9029



47.2708, 44.5816, 44.6417



45.8521, 44.5816, 39.0127

Triad

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



47.2708, 44.5816, 44.6417



38.9005, 44.5816, 39.4720



41.2363, 44.5816, 63.5845

Complementary

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



47.2708, 44.5816, 44.6417



49.6963, 57.4696, 66.2340

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.



39.0754, 44.5816, 59.5084



47.2708, 44.5816, 44.6417



37.7640, 44.5816, 45.3290

Square

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



47.2708, 44.5816, 44.6417



40.9888, 44.5816, 36.2402



37.8266, 44.5816, 52.6626



43.7889, 44.5816, 63.3528

Rectangle

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



47.2708, 44.5816, 44.6417



44.3653, 44.5816, 36.7240



37.8266, 44.5816, 52.6626



40.4421, 44.5816, 62.6564

Sweetspot

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



47.2720, 44.5836, 44.6426



88.1150, 89.7249, 95.5055



50.4817, 45.7864, 65.2090



18.7058, 18.9762, 20.1435



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.



47.2720, 44.5836, 44.6426



72.2830, 66.3179, 64.7732



50.3417, 51.0251, 44.7341



11.8336, 11.8182, 12.3993



16.2608, 8.3772, 1.0138



0.9182, 0.4720, 0.1043

Inverse Universe

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



47.2720, 44.5836, 44.6426



72.2830, 66.3179, 64.7732



46.1556, 50.0001, 66.2503



11.8336, 11.8182, 12.3993



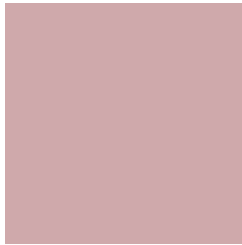
16.2608, 8.3772, 1.0138



0.9182, 0.4720, 0.1043

Previews

White Background



This preview shows how the XYZ color 47.2708, 44.5816, 44.6417 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 47.2708, 44.5816, 44.6417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

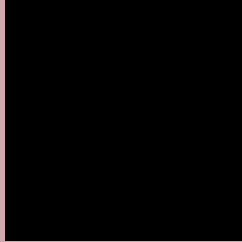
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2708, 44.5816, 44.6417

Background



This preview shows how black text looks on a background with the XYZ color 47.2708, 44.5816, 44.6417.



This preview shows how white text looks on a background with the XYZ color 47.2708, 44.5816,

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

47.2708, 44.5816, 44.6417

Protanopia

43.0483, 44.9205, 47.4759

Deuteranopia

45.5614, 44.5494, 44.2278



Tritanopia

48.3555, 44.7514, 49.8053

Trichromacy



Original Color

47.2708, 44.5816, 44.6417

Protanomaly

44.4558, 44.7923, 46.3471

Deuteranomaly

46.1757, 44.5847, 44.2022

Tritanomaly

47.9509, 44.5895, 47.6743

Monochromacy



Original Color

47.2708, 44.5816, 44.6417

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.8932, 45.5658, 48.0239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2708, 44.5816, 44.6417 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(207, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 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(207, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 47.2708, 44.5816, 44.6417 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(207, 169, 171) }
```


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

```
.border{ border-color:rgb(207, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2708, 44.5816, 44.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 171) }
```

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

```
.background{ background-color: rgb(207,  
169, 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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