

Converting Colors

XYZ(47.0754, 43.2911, 46.6790)

Have a look what the booklet for
XYZ(47.0754, 43.2911, 46.6790)
contains.

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Color

**XYZ(46.9251, 43.2708,
46.4363)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA5AF
RGB	207, 165, 175
RGB Percent	81%, 65%, 69%
CMY	0.1882, 0.3529, 0.3137
CMYK	0.00, 0.20, 0.15, 0.19
HSL	346°, 30%, 73%
HSV	346°, 20%, 81%
XYZ	46.9251, 43.2708, 46.4363
YIQ	178.6980, 21.8220, 12.0140

Conversions

Conversions Part 2

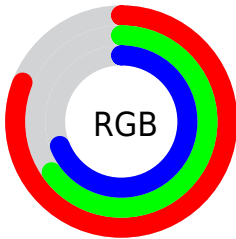
Format	Color
R _Y B	207, 165, 175
Decimal	13608367
CIE Lab	71.74, 16.99, 0.73
CIE LCh	72, 17.011, 2.458
Yxy	43.2708, 0.3434, 0.3167
Android (android.graphics.Color)	4291798447 (0xFFCFA5AF)
YUV	178.6980, -1.8231, 24.8209
Hunter-Lab	65.7805, 12.2185, 4.1919

Details

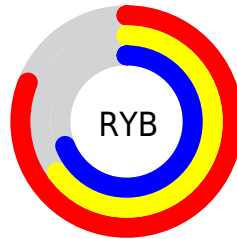
The XYZ color **46.9251, 43.2708, 46.4363** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9096, 56.6572, 61.2369**, and the grayscale version is **42.6893, 44.9124, 48.9097**.

A 20% lighter version of the original color is **81.1161, 78.1596, 85.6739**, and **22.4292, 19.9157, 21.4009** is the 20% darker color. If you saturate the color by 10%, you get **42.0297, 35.8156, 37.6027**, and if you desaturate by 10%, it is **52.6082, 52.0108, 56.4263**.

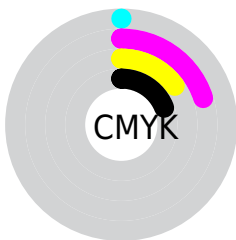
Distribution



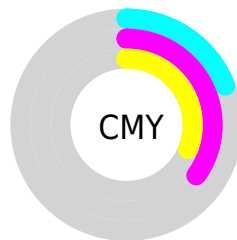
- Red (81%)
- Green (65%)
- Blue (69%)



- Red (81%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (19%)





- Cyan (19%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9251, 43.2708, 46.4363 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 46.9251, 43.2708, 46.4363 by changing the saturation by 10% instead.

 46.9251, 43.2708,
46.4363


 46.9251, 43.2708,
46.4363


365.1694,
359.7242, 388.8884

 33.1841, 30.0976,
32.2391


 84.8212, 80.1193,
86.2127

 22.4275, 19.9127,
21.2779


 109.7071,
104.5635, 112.6290

 14.2897, 12.3316,
13.1340


139.0387,
133.5335, 143.9555

 8.4055, 6.9699,
7.3891

173.1813,
167.4137, 180.6106

 4.4095, 3.4433,
3.6245

212.5003,
206.5885, 223.0129

 1.9363, 1.3673,
1.4217

257.3611,

 0.5978, 0.1924,

251.4422, 271.5809

0.1586

308.1290,
302.3593, 326.7332

■ 0.0000, 0.0000,
0.0000

■ 46.9251, 43.2708,
46.4363

■ 46.9251, 43.2708,
46.4363

■ 42.0297, 35.8156,
37.6027

■ 52.6082, 52.0108,
56.4263

■ 37.8830, 29.5790,
29.8805

■ 59.1084, 62.0863,
67.6100

■ 34.4485, 24.4972,
23.2255

■ 66.4579, 73.5523,
80.0265

■ 31.6847, 20.4988,
17.5896

■ 74.6861, 86.4591,
93.7122

■ 29.5457, 17.5042,
12.9208

■ 79.3602, 91.9326,
107.2151

■ 27.9800, 15.4225,
9.1622

■ 79.5423, 92.0055,
108.1743

■ 26.9266, 14.1464,
6.2505

■ 26.2924, 13.4895,
4.1539

Harmonies

Analogous

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



46.2472, 43.2708, 54.8528



46.9251, 43.2708, 46.4363



45.9904, 43.2708, 39.0891

Triad

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



46.9251, 43.2708, 46.4363



38.2205, 43.2708, 34.9356



38.6144, 43.2708, 62.6590

Complementary

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



46.9251, 43.2708, 46.4363



47.9096, 56.6572, 61.2369

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.



36.6203, 43.2708, 56.1696



46.9251, 43.2708, 46.4363



36.4005, 43.2708, 40.1406

Square

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



46.9251, 43.2708, 46.4363



40.8901, 43.2708, 32.9524



35.8284, 43.2708, 47.7994



41.3660, 43.2708, 64.8447

Rectangle

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



46.9251, 43.2708, 46.4363



44.6028, 43.2708, 35.6024



35.8284, 43.2708, 47.7994



37.8377, 43.2708, 60.8739

Sweetspot

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



46.9263, 43.2728, 46.4372



88.5412, 89.8954, 97.7498



47.6143, 43.2203, 64.8647



18.8062, 19.0163, 20.6720



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.



46.9263, 43.2728, 46.4372



71.9177, 64.3268, 68.5375



47.9525, 46.8388, 42.1131



11.9224, 11.8537, 12.8673



16.5964, 8.5114, 2.7810



0.9597, 0.4886, 0.3226

Inverse Universe

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



46.9263, 43.2728, 46.4372



71.9177, 64.3268, 68.5375



46.6339, 52.2115, 66.6518



11.9224, 11.8537, 12.8673



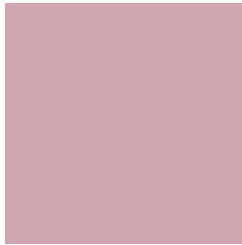
16.5964, 8.5114, 2.7810



0.9597, 0.4886, 0.3226

Previews

White Background



This preview shows how the XYZ color 46.9251, 43.2708, 46.4363 looks on a white background.

Color Contrast Check

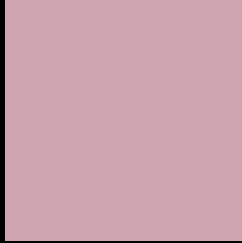
Large Text (above 18pt) WCAG AA × Fail

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 46.9251, 43.2708, 46.4363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

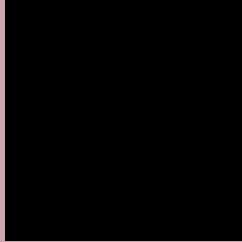
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9251, 43.2708, 46.4363

Background



This preview shows how black text looks on a background with the XYZ color 46.9251, 43.2708, 46.4363.



This preview shows how white text looks on a background with the XYZ color 46.9251, 43.2708,

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

46.9251, 43.2708, 46.4363

Protanopia

42.0306, 43.4611, 49.8896

Deuteranopia

44.2628, 43.2748, 46.0644



Tritanopia

47.1231, 43.3500, 47.4787

Trichromacy



Original Color

46.9251, 43.2708, 46.4363

Protanomaly

43.6859, 43.1993, 48.6836

Deuteranomaly

45.1958, 43.2034, 46.0014

Tritanomaly

47.0237, 43.3103, 46.9556

Monochromacy



Original Color

46.9251, 43.2708, 46.4363

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.1582, 44.3053, 48.3439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9251, 43.2708, 46.4363 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, 165, 175)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 175)  
}
```

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, 165, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 175) }
```

Border

The CSS property to change the border of an element to XYZ 46.9251, 43.2708, 46.4363 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, 165, 175) }
```


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

```
.border{ border-color:rgb(207, 165, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 175);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9251, 43.2708, 46.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 175) }
```

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

```
.background{ background-color: rgb(207,  
165, 175) }
```

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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