

Converting Colors

XYZ(47.6833, 43.2659, 57.6835)

Have a look what the booklet for
XYZ(47.6833, 43.2659, 57.6835)
contains.

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Color

**XYZ(47.4829, 43.0476,
57.4362)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA4C3
RGB	202, 164, 195
RGB Percent	79%, 64%, 76%
CMY	0.2078, 0.3568, 0.2353
CMYK	0.00, 0.19, 0.03, 0.21
HSL	311°, 26%, 72%
HSV	311°, 19%, 79%
XYZ	47.4829, 43.0476, 57.4362
YIQ	178.8960, 12.6970, 17.6970

Conversions

Conversions Part 2

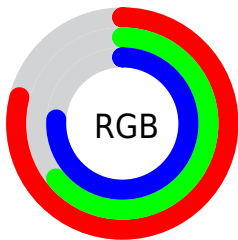
Format	Color
R_{YB}	202, 164, 195
Decimal	13280451
CIE _{Lab}	71.59, 19.21, -10.59
CIE _{LCh}	72, 21.930, 331.136
Yxy	43.0476, 0.3209, 0.2909
Android (android.graphics.Color)	4291470531 (0xFFCAA4C3)
YUV	178.8960, 7.9393, 20.2622
Hunter-Lab	65.6107, 14.3630, -5.9756

Details

The XYZ color **47.4829, 43.0476, 57.4362** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.7827, 53.0751, 46.4673**, and the grayscale version is **42.7478, 44.9740, 48.9766**.

A 20% lighter version of the original color is **84.1422, 78.9513, 102.8998**, and **22.8146, 19.8073, 27.8200** is the 20% darker color. If you saturate the color by 10%, you get **43.7359, 36.2180, 54.1374**, and if you desaturate by 10%, it is **51.8171, 51.0335, 60.9835**.

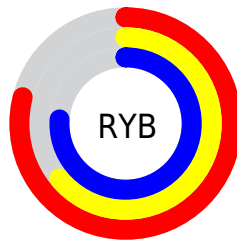
Distribution



Red (79%)

Green (64%)

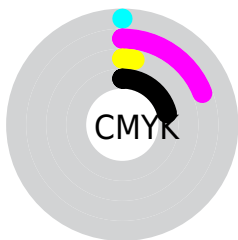
Blue (76%)



Red (79%)

Yellow (64%)

Blue (76%)

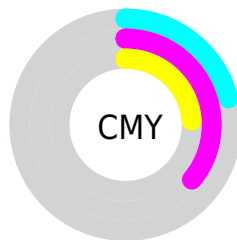


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4829, 43.0476, 57.4362 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 47.4829, 43.0476, 57.4362 by changing the saturation by 10% instead.


 47.4829, 43.0476,
57.4362


 47.4829, 43.0476,
57.4362


367.3556,
358.8075, 432.6212

 33.6271, 29.9225,
40.9439

 85.6484, 79.7827,
102.6080

 22.7688, 19.7797,
27.9559


 110.6887,
104.1614, 132.1246

 14.5426, 12.2350,
18.0536


140.1880,
133.0602, 166.8197

 8.5833, 6.9040,
10.8187

174.5116,
166.8633, 207.1118

 4.5253, 3.4021,
5.8324

214.0248,
205.9552, 253.4194

 2.0034, 1.3451,
2.6763

259.0929,

 0.6359, 0.1757,

250.7202, 306.1612

0.9315

310.0814,
301.5429, 365.7556

■ 0.0000, 0.0000,
0.0000

■ 47.4829, 43.0476,
57.4362

■ 47.4829, 43.0476,
57.4362

■ 43.7359, 36.2180,
54.1374

■ 51.8171, 51.0335,
60.9835

■ 40.5451, 30.4849,
51.0749

■ 56.7600, 60.2205,
64.7853

■ 37.8826, 25.7917,
48.2394

■ 62.3367, 70.6581,
68.8508

■ 35.7163, 22.0745,
45.6200

■ 68.5697, 82.3912,
73.1879

■ 34.0107, 19.2624,
43.2044

■ 72.2050, 88.9118,
76.7124

32.7254, 17.2747,
40.9788

72.6847, 89.1036,
79.2385

31.8129, 16.0166,
38.9269

73.1754, 89.2999,
81.8222

31.1960, 15.3339,
37.0226

73.6770, 89.5005,
84.4637

31.1296, 15.2656,
36.8015

74.1897, 89.7056,
87.1635

Harmonies

Analogous

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



44.7141, 43.0476, 66.6127



47.4829, 43.0476, 57.4362



48.4663, 43.0476, 46.4678

Triad

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



47.4829, 43.0476, 57.4362



40.7742, 43.0476, 29.2761



35.1109, 43.0476, 58.2430

Complementary

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



47.4829, 43.0476, 57.4362



43.7827, 53.0751, 46.4673

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.



34.1927, 43.0476, 47.2776



47.4829, 43.0476, 57.4362



37.3383, 43.0476, 31.4755

Square

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



47.4829, 43.0476, 57.4362



44.4548, 43.0476, 31.1661



34.9833, 43.0476, 37.6889



37.5691, 43.0476, 67.1259

Rectangle

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



47.4829, 43.0476, 57.4362



47.9328, 43.0476, 39.8871



34.9833, 43.0476, 37.6889



34.6188, 43.0476, 54.6271

Sweetspot

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



47.4842, 43.0495, 57.4371



89.9113, 90.4435, 104.9647



40.7253, 39.4716, 61.3501



19.1300, 19.1459, 22.3772



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.



47.4842, 43.0495, 57.4371



77.4177, 67.4414, 94.6804



45.4738, 42.2454, 46.8509



11.5954, 11.3669, 13.6702



20.0618, 9.8353, 23.8419



1.0586, 0.5168, 1.3544

Inverse Universe

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



47.4842, 43.0495, 57.4371



77.4177, 67.4414, 94.6804



45.7225, 53.8509, 56.6818



11.5954, 11.3669, 13.6702



20.0618, 9.8353, 23.8419



1.0586, 0.5168, 1.3544

Previews

White Background



This preview shows how the XYZ color 47.4829, 43.0476, 57.4362 looks on a white background.

Color Contrast Check

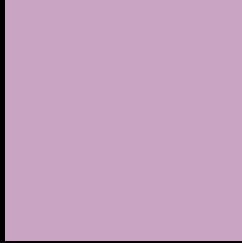
Large Text (above 18pt) WCAG AA × Fail

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 47.4829, 43.0476, 57.4362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

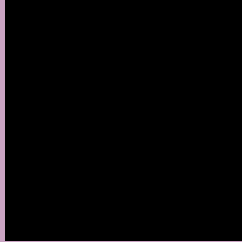
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4829, 43.0476, 57.4362

Background



This preview shows how black text looks on a background with the XYZ color 47.4829, 43.0476, 57.4362.



This preview shows how white text looks on a background with the XYZ color 47.4829, 43.0476,

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

47.4829, 43.0476, 57.4362

Protanopia

42.5913, 43.1943, 61.9696

Deuteranopia

44.0677, 43.2112, 57.0569



Tritanopia

45.8764, 43.2121, 49.1028

Trichromacy



Original Color

47.4829, 43.0476, 57.4362

Protanomaly

43.9749, 42.8181, 59.9798

Deuteranomaly

45.2261, 42.9767, 56.9506

Tritanomaly

46.4806, 43.1927, 51.7862

Monochromacy



Original Color

47.4829, 43.0476, 57.4362

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.3865, 44.3397, 52.1179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4829, 43.0476, 57.4362 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(202, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 195)  
}
```

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(202, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.4829, 43.0476, 57.4362 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(202, 164, 195) }
```


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

```
.border{ border-color:rgb(202, 164, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 164, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 164, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 164,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4829, 43.0476, 57.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 195) }
```

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

```
.background{ background-color: rgb(202,  
164, 195) }
```

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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