

Converting Colors

XYZ(47.5330, 43.9071, 56.4223)

Have a look what the booklet for
XYZ(47.5330, 43.9071, 56.4223)
contains.

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Color

**XYZ(47.5317, 43.9052,
56.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A7C1
RGB	201, 167, 193
RGB Percent	79%, 65%, 76%
CMY	0.2118, 0.3451, 0.2431
CMYK	0.00, 0.17, 0.04, 0.21
HSL	314°, 24%, 72%
HSV	314°, 17%, 79%
XYZ	47.5317, 43.9052, 56.4214
YIQ	180.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

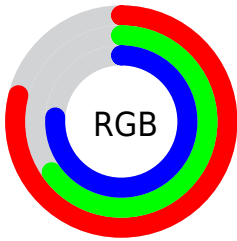
Format	Color
R _Y B	201, 167, 193
Decimal	13215681
CIE Lab	72.17, 16.85, -8.63
CIE LCh	72, 18.934, 332.874
Yxy	43.9052, 0.3215, 0.2969
Android (android.graphics.Color)	4291405761 (0xFFC9A7C1)
YUV	180.1300, 6.3449, 18.3030
Hunter-Lab	66.2610, 12.0885, -4.1029

Details

The XYZ color **47.5317, 43.9052, 56.4214** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.5625, 53.0851, 48.4576**, and the grayscale version is **43.4158, 45.6768, 49.7420**.

A 20% lighter version of the original color is **84.4602, 80.3421, 100.6786**, and **22.8236, 20.3286, 27.1470** is the 20% darker color. If you saturate the color by 10%, you get **43.6129, 36.8980, 52.5537**, and if you desaturate by 10%, it is **52.0423, 52.0676, 60.5706**.

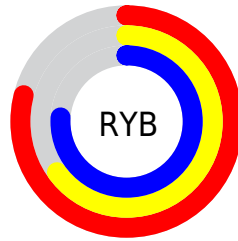
Distribution



Red (79%)

Green (65%)

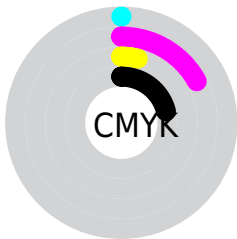
Blue (76%)



Red (79%)

Yellow (65%)

Blue (76%)

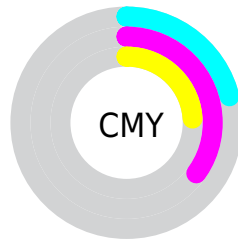


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5317, 43.9052, 56.4214 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 47.5317, 43.9052, 56.4214 by changing the saturation by 10% instead.


 47.5317, 43.9052,
56.4214


 47.5317, 43.9052,
56.4214


367.5464,
362.3213, 428.7105

 33.6659, 30.5960,
40.1346


 85.7207, 81.0751,
101.1124

 22.7987, 20.2914,
27.3289


 110.7745,
105.7045, 130.3537

 14.5648, 12.6070,
17.5858

140.2885,
134.8762, 164.7502

 8.5989, 7.1585,
10.4867

174.6278,
168.9744, 204.7205

 4.5355, 3.5614,
5.6130

214.1579,
208.3837, 250.6832

 2.0093, 1.4314,
2.5463

259.2442,

 0.6392, 0.2397,

253.4883, 303.0567

0.8645

310.2519,
304.6727, 362.2596

■ 0.0000, 0.0000,
0.0000

■ 47.5317, 43.9052,
56.4214

■ 47.5317, 43.9052,
56.4214

■ 43.6129, 36.8980,
52.5537

■ 52.0423, 52.0676,
60.5706

■ 40.2555, 30.9874,
48.9551

■ 57.1655, 61.4288,
65.0076

■ 37.4322, 26.1186,
45.6163

■ 62.9261, 72.0372,
69.7418

■ 35.1118, 22.2293,
42.5261

■ 69.3461, 83.9367,
74.7814

■ 33.2599, 19.2511,
39.6722

■ 72.3266, 88.9292,
78.7606

■ 31.8376, 17.1062,
37.0408

■ 72.9496, 89.1784,
82.0410

■ 30.7995, 15.7042,
34.6159

■ 73.5903, 89.4347,
85.4150

■ 30.0850, 14.9243,
32.3766

■ 74.2489, 89.6981,
88.8832

■ 29.8956, 14.7408,
31.7114

■ 74.9256, 89.9688,
92.4466

Harmonies

Analogous

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



45.2086, 43.9052, 64.4324



47.5317, 43.9052, 56.4214



48.2753, 43.9052, 46.9152

Triad

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



47.5317, 43.9052, 56.4214



41.4186, 43.9052, 32.0917



36.7081, 43.9052, 58.1718

Complementary

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



47.5317, 43.9052, 56.4214



44.5625, 53.0851, 48.4576

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.



35.8059, 43.9052, 48.7066



47.5317, 43.9052, 56.4214



38.4357, 43.9052, 34.3172

Square

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



47.5317, 43.9052, 56.4214



44.6396, 43.9052, 33.6041



36.4218, 43.9052, 40.1143



38.9508, 43.9052, 65.5315

Rectangle

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



47.5317, 43.9052, 56.4214



47.7453, 43.9052, 41.1924



36.4218, 43.9052, 40.1143



36.2435, 43.9052, 55.0906

Sweetspot

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



47.5330, 43.9071, 56.4223



90.6372, 91.9414, 105.0646



42.0274, 40.9630, 60.9505



19.2720, 19.4460, 22.3750



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.



47.5330, 43.9071, 56.4223



79.0103, 70.9167, 94.3171



45.7507, 43.1942, 47.0368



10.9722, 10.7723, 12.8371



18.8339, 9.2831, 20.1330



0.9184, 0.4502, 1.0936

Inverse Universe

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



47.5330, 43.9071, 56.4223



79.0103, 70.9167, 94.3171



46.3315, 53.7926, 57.7727



10.9722, 10.7723, 12.8371



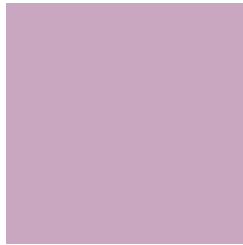
18.8339, 9.2831, 20.1330



0.9184, 0.4502, 1.0936

Previews

White Background



This preview shows how the XYZ color 47.5317, 43.9052, 56.4214 looks on a white background.

Color Contrast Check

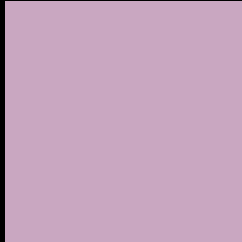
Large Text (above 18pt) WCAG AA × Fail

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 47.5317, 43.9052, 56.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

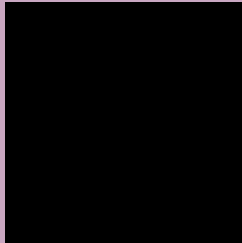
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5317, 43.9052, 56.4214

Background



This preview shows how black text looks on a background with the XYZ color 47.5317, 43.9052, 56.4214.



This preview shows how white text looks on a background with the XYZ color 47.5317, 43.9052,

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

47.5317, 43.9052, 56.4214

Protanopia

43.2897, 44.1729, 60.2774

Deuteranopia

44.7605, 43.8756, 55.9789



Tritanopia

46.1847, 43.8954, 50.2944

Trichromacy



Original Color

47.5317, 43.9052, 56.4214

Protanomaly

44.7888, 44.1087, 58.9765

Deuteranomaly

45.6274, 43.7617, 55.9112

Tritanomaly

46.6850, 43.8298, 52.4538

Monochromacy



Original Color

47.5317, 43.9052, 56.4214

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.8260, 44.8541, 52.1941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5317, 43.9052, 56.4214 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(201, 167, 193)` looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 193)  
}
```

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(201, 167, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 193) }
```

Border

The CSS property to change the border of an element to XYZ 47.5317, 43.9052, 56.4214 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(201, 167, 193) }
```


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

```
.border{ border-color:rgb(201, 167, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 167, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 167, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 167, 193);  
box-shadow:4px 4px 4px 4px rgb(201, 167,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5317, 43.9052, 56.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 193) }
```

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

```
.background{ background-color: rgb(201,  
167, 193) }
```

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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