

Converting Colors

XYZ(47.1976, 43.3404, 56.5661)

Have a look what the booklet for
XYZ(47.1976, 43.3404, 56.5661)
contains.

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Color

**XYZ(47.3493, 43.5402,
56.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A6C1
RGB	201, 166, 193
RGB Percent	79%, 65%, 76%
CMY	0.2118, 0.3490, 0.2431
CMYK	0.00, 0.17, 0.04, 0.21
HSL	314°, 24%, 72%
HSV	314°, 17%, 79%
XYZ	47.3493, 43.5402, 56.3606
YIQ	179.5430, 12.1930, 15.8170

Conversions

Conversions Part 2

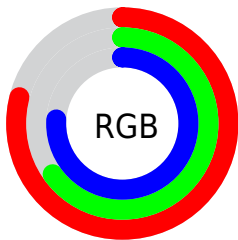
Format	Color
R _Y B	201, 166, 193
Decimal	13215425
CIE Lab	71.92, 17.40, -9.00
CIE LCh	72, 19.588, 332.655
Yxy	43.5402, 0.3216, 0.2957
Android (android.graphics.Color)	4291405505 (0xFFC9A6C1)
YUV	179.5430, 6.6343, 18.8178
Hunter-Lab	65.9850, 12.6137, -4.4526

Details

The XYZ color **47.3493, 43.5402, 56.3606** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.2543, 52.9376, 47.9324**, and the grayscale version is **43.0997, 45.3443, 49.3799**.

A 20% lighter version of the original color is **84.1953, 79.8125, 100.5903**, and **22.7101, 20.1018, 27.1092** is the 20% darker color. If you saturate the color by 10%, you get **43.4729, 36.5944, 52.5790**, and if you desaturate by 10%, it is **51.8152, 51.6383, 60.4183**.

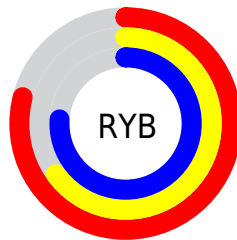
Distribution



Red (79%)

Green (65%)

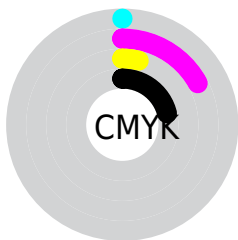
Blue (76%)



Red (79%)

Yellow (65%)

Blue (76%)

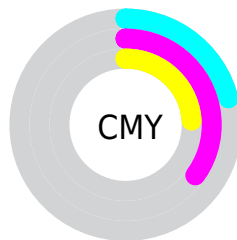


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3493, 43.5402, 56.3606 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 47.3493, 43.5402, 56.3606 by changing the saturation by 10% instead.


 47.3493, 43.5402,
56.3606


 47.3493, 43.5402,
56.3606


366.8327,
360.8286, 428.4755

 33.5210, 30.3092,
40.0862

 85.4504, 80.5254,
101.0227

 22.6870, 20.0734,
27.2914

 110.4538,
105.0484, 130.2474

 14.4820, 12.4484,
17.5579

139.9130,
134.1042, 164.6260

 8.5406, 7.0498,
10.4669

174.1933,
168.0771, 204.5769

 4.4974, 3.4933,
5.6000

213.6601,
207.3517, 250.5188

 1.9872, 1.3944,
2.5386

258.6787,

 0.6268, 0.2126,

252.3122, 302.8702

0.8605

309.6144,
303.3430, 362.0496

■ 0.0000, 0.0000,
0.0000

■ 47.3493, 43.5402,
56.3606

■ 47.3493, 43.5402,
56.3606

■ 43.4729, 36.5944,
52.5790

■ 51.8152, 51.6383,
60.4183

■ 40.1556, 30.7422,
49.0611

■ 56.8917, 60.9323,
64.7583

■ 37.3700, 25.9283,
45.7977

■ 62.6035, 71.4710,
69.3900

■ 35.0847, 22.0905,
42.7775

■ 68.9726, 83.2982,
74.3215

■ 33.2653, 19.1597,
39.9883

■ 72.2393, 88.8943,
78.3002

■ 31.8725, 17.0578,
37.4162

■ 72.8418, 89.1353,
81.4727

■ 30.8605, 15.6935,
35.0454

■ 73.4610, 89.3830,
84.7334

■ 30.1655, 14.9392,
32.8536

■ 74.0971, 89.6374,
88.0831

■ 30.0086, 14.7860,
32.3057

■ 74.7502, 89.8987,
91.5222

Harmonies

Analogous

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



44.9436, 43.5402, 64.6251



47.3493, 43.5402, 56.3606



48.1304, 43.5402, 46.5616

Triad

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



47.3493, 43.5402, 56.3606



41.0871, 43.5402, 31.3175



36.2127, 43.5402, 58.0317

Complementary

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



47.3493, 43.5402, 56.3606



44.2543, 52.9376, 47.9324

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.



35.2988, 43.5402, 48.2643



47.3493, 43.5402, 56.3606



38.0168, 43.5402, 33.5573

Square

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



47.3493, 43.5402, 56.3606



44.4018, 43.5402, 32.8856



35.9414, 43.5402, 39.4573



38.5055, 43.5402, 65.6775

Rectangle

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



47.3493, 43.5402, 56.3606



47.5925, 43.5402, 40.6755



35.9414, 43.5402, 39.4573



35.7398, 43.5402, 54.8449

Sweetspot

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



47.3506, 43.5421, 56.3615



90.6508, 91.9469, 105.1361



41.5436, 40.4425, 60.8758



19.2754, 19.4473, 22.3924



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.



47.3506, 43.5421, 56.3615



78.3729, 69.6999, 93.9256



45.5534, 42.8232, 46.8978



10.9754, 10.7735, 12.8535



18.9042, 9.3112, 20.5031



0.9213, 0.4513, 1.1085

Inverse Universe

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



47.3506, 43.5421, 56.3615



78.3729, 69.6999, 93.9256



46.0272, 53.6468, 57.2686



10.9754, 10.7735, 12.8535



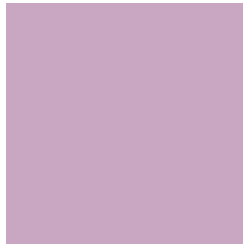
18.9042, 9.3112, 20.5031



0.9213, 0.4513, 1.1085

Previews

White Background



This preview shows how the XYZ color 47.3493, 43.5402, 56.3606 looks on a white background.

Color Contrast Check

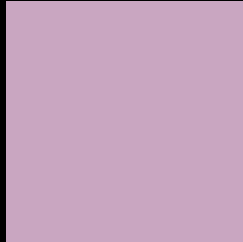
Large Text (above 18pt) WCAG AA × Fail

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 47.3493, 43.5402, 56.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

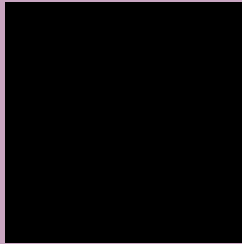
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3493, 43.5402, 56.3606

Background



This preview shows how black text looks on a background with the XYZ color 47.3493, 43.5402, 56.3606.



This preview shows how white text looks on a background with the XYZ color 47.3493, 43.5402,

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

47.3493, 43.5402, 56.3606

Protanopia

42.8724, 43.6677, 60.2019

Deuteranopia

44.5167, 43.7499, 55.9675



Tritanopia

45.8963, 43.4836, 49.6902

Trichromacy



Original Color

47.3493, 43.5402, 56.3606

Protanomaly

44.3590, 43.6035, 58.9017

Deuteranomaly

45.3750, 43.6316, 55.8994

Tritanomaly

46.3951, 43.4196, 51.8345

Monochromacy



Original Color

47.3493, 43.5402, 56.3606

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 47.3493, 43.5402, 56.3606 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, 166, 193)` looks like.

```
.text, #text, p{  
    color:rgb(201, 166, 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, 166, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 166, 193) }
```

Border

The CSS property to change the border of an element to XYZ 47.3493, 43.5402, 56.3606 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, 166, 193) }
```


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

```
.border{ border-color:rgb(201, 166, 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, 166, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 166, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 166, 193);  
box-shadow:4px 4px 4px 4px rgb(201, 166,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3493, 43.5402, 56.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 166, 193) }
```

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

```
.background{ background-color: rgb(201,  
166, 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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