

Converting Colors

XYZ(46.0296, 41.2920, 52.0402)

Have a look what the booklet for
XYZ(46.0296, 41.2920, 52.0402)
contains.

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Color

**XYZ(46.0623, 41.3833,
52.0144)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA0BA
RGB	203, 160, 186
RGB Percent	80%, 63%, 73%
CMY	0.2039, 0.3725, 0.2706
CMYK	0.00, 0.21, 0.08, 0.20
HSL	324°, 29%, 71%
HSV	324°, 21%, 80%
XYZ	46.0623, 41.3833, 52.0144
YIQ	175.8210, 17.2820, 17.2020

Conversions

Conversions Part 2

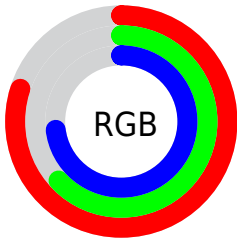
Format	Color
R_{YB}	203, 160, 186
Decimal	13344954
CIE Lab	70.44, 20.14, -7.30
CIE LCh	70, 21.422, 340.064
Yxy	41.3833, 0.3303, 0.2967
Android (android.graphics.Color)	4291535034 (0xFFCBA0BA)
YUV	175.8210, 5.0182, 23.8360
Hunter-Lab	64.3299, 15.2347, -2.9085

Details

The XYZ color **46.0623, 41.3833, 52.0144** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.7906, 53.3608, 49.5891**, and the grayscale version is **41.1430, 43.2857, 47.1381**.

A 20% lighter version of the original color is **81.5675, 76.2717, 94.4272**, and **21.8089, 18.7145, 24.6531** is the 20% darker color. If you saturate the color by 10%, you get **41.9972, 34.5800, 46.5673**, and if you desaturate by 10%, it is **50.7524, 49.3587, 57.9073**.

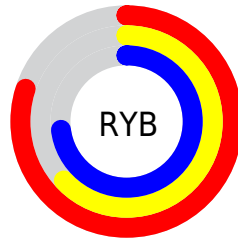
Distribution



Red (80%)

Green (63%)

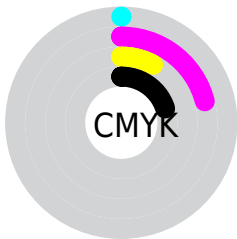
Blue (73%)



Red (80%)

Yellow (63%)

Blue (73%)

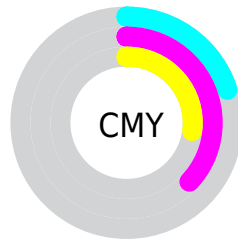


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (20%)



Cyan (20%)


Magenta (37%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0623, 41.3833, 52.0144 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 46.0623, 41.3833, 52.0144 by changing the saturation by 10% instead.


 46.0623, 41.3833,
52.0144


 46.0623, 41.3833,
52.0144

361.7708,
351.9201, 411.4507

 32.4998, 28.6187,
36.6342


 83.5395, 77.2654,
94.5793

 21.9009, 18.7926,
24.6309


 108.1850,
101.1517, 122.6011

 13.9003, 11.5205,
15.5857


137.2555,
129.5141, 155.6738

 8.1326, 6.4181,
9.0803

171.1163,
162.7368, 194.2160

 4.2324, 3.1009,
4.6961

210.1329,
201.2044, 238.6463

 1.8345, 1.1846,
2.0145

254.6706,

 0.5383, 0.0491,

245.3012, 289.3832

0.5642

305.0948,
295.4117, 346.8451

■ 0.0000, 0.0000,
0.0000

■ 46.0623, 41.3833,
52.0144

■ 46.0623, 41.3833,
52.0144

■ 41.9972, 34.5800,
46.5673

■ 50.7524, 49.3587,
57.9073

■ 38.5247, 28.8871,
41.5500

■ 56.0905, 58.5528,
64.2559

■ 35.6153, 24.2460,
36.9490

■ 62.1030, 69.0166,
71.0733

■ 33.2348, 20.5901,
32.7491

■ 68.8137, 80.7963,
78.3708

■ 31.3456, 17.8451,
28.9334

■ 74.1345, 89.7149,
85.4562

■ 29.9046, 15.9264,
25.4833

■ 75.2629, 90.1663,
91.3985

■ 28.8606, 14.7329,
22.3774

■ 76.4436, 90.6385,
97.6160

■ 28.1876, 14.1201,
19.8929

■ 77.6773, 91.1320,
104.1123

■ 78.4388, 91.4366,
108.1226

Harmonies

Analogous

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



43.8639, 41.3833, 61.6254



46.0623, 41.3833, 52.0144



46.3988, 41.3833, 41.7486

Triad

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



46.0623, 41.3833, 52.0144



38.1599, 41.3833, 28.5082



34.3665, 41.3833, 58.7579

Complementary

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



46.0623, 41.3833, 52.0144



43.7906, 53.3608, 49.5891

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.



33.0246, 41.3833, 48.5407



46.0623, 41.3833, 52.0144



35.1265, 41.3833, 31.7650

Square

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



46.0623, 41.3833, 52.0144



41.6925, 41.3833, 29.1508



33.2943, 41.3833, 38.7537



37.0654, 41.3833, 65.9041

Rectangle

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



46.0623, 41.3833, 52.0144



45.5022, 41.3833, 36.0097



33.2943, 41.3833, 38.7537



33.7493, 41.3833, 55.5108

Sweetspot

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



46.0635, 41.3851, 52.0153



89.4030, 90.2402, 102.2882



41.3660, 38.7421, 61.7982



19.0097, 19.0977, 21.7436



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.



46.0635, 41.3851, 52.0153



74.1794, 64.3324, 83.2194



43.9939, 40.5573, 41.1170



11.4924, 11.3257, 13.1275



17.9842, 9.0043, 12.9015



0.9645, 0.4792, 0.8589

Inverse Universe

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



46.0635, 41.3851, 52.0153



74.1794, 64.3324, 83.2194



46.0456, 54.2628, 61.4637



11.4924, 11.3257, 13.1275



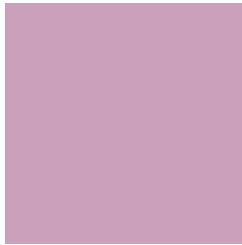
17.9842, 9.0043, 12.9015



0.9645, 0.4792, 0.8589

Previews

White Background



This preview shows how the XYZ color 46.0623, 41.3833, 52.0144 looks on a white background.

Color Contrast Check

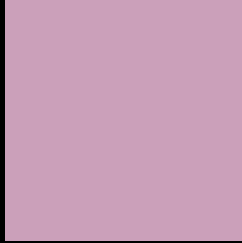
Large Text (above 18pt) WCAG AA × Fail

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 46.0623, 41.3833, 52.0144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

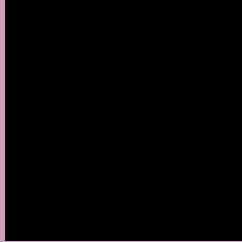
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0623, 41.3833, 52.0144

Background



This preview shows how black text looks on a background with the XYZ color 46.0623, 41.3833, 52.0144.



This preview shows how white text looks on a background with the XYZ color 46.0623, 41.3833,

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

46.0623, 41.3833, 52.0144

Protanopia

40.7661, 41.5221, 56.3180

Deuteranopia

42.5268, 41.6984, 51.7061



Tritanopia

44.7456, 41.3533, 46.1811

Trichromacy



Original Color

46.0623, 41.3833, 52.0144

Protanomaly

42.4044, 41.3002, 54.4520

Deuteranomaly

43.6979, 41.4894, 51.6041

Tritanomaly

45.2387, 41.3010, 48.2354

Monochromacy



Original Color

46.0623, 41.3833, 52.0144

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.8626, 42.4838, 49.1211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0623, 41.3833, 52.0144 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(203, 160, 186)` looks like.

```
.text, #text, p{  
    color:rgb(203, 160, 186)  
}
```

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(203, 160, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 160, 186) }
```

Border

The CSS property to change the border of an element to XYZ 46.0623, 41.3833, 52.0144 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(203, 160, 186) }
```


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

```
.border{ border-color:rgb(203, 160, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 160, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 160, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 160, 186);  
box-shadow:4px 4px 4px 4px rgb(203, 160,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0623, 41.3833, 52.0144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 160, 186) }
```

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

```
.background{ background-color: rgb(203,  
160, 186) }
```

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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