

Converting Colors

XYZ(48.3732, 43.2763, 64.2817)

Have a look what the booklet for
XYZ(48.3732, 43.2763, 64.2817)
contains.

XYZ(48.5034, 43.4247, 64.2179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.5034, 43.4247,
64.2179)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A4CE
RGB	201, 164, 206
RGB Percent	79%, 64%, 81%
CMY	0.2118, 0.3568, 0.1922
CMYK	0.02, 0.20, 0.00, 0.19
HSL	293°, 30%, 73%
HSV	293°, 20%, 81%
XYZ	48.5034, 43.4247, 64.2179
YIQ	179.8510, 8.5700, 20.9060

Conversions

Conversions Part 2

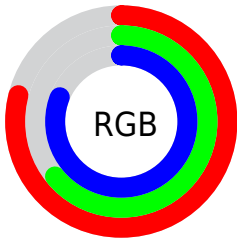
Format	Color
RYB	201, 164, 206
Decimal	13214926
CIELab	71.84, 20.93, -16.27
CIELCh	72, 26.510, 322.135
Yxy	43.4247, 0.3106, 0.2781
Android (android.graphics.Color)	4291405006 (0xFFC9A4CE)
YUV	179.8510, 12.8915, 18.5477
Hunter-Lab	65.8974, 16.0634, -11.6507

Details

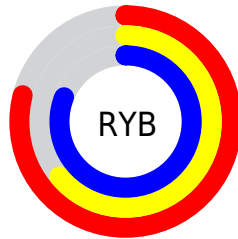
The XYZ color **48.5034, 43.4247, 64.2179** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.1360, 55.2591, 43.4114**, and the grayscale version is **43.2335, 45.4850, 49.5332**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **23.4943, 20.0584, 32.3391** is the 20% darker color. If you saturate the color by 10%, you get **44.4576, 36.3034, 63.0572**, and if you desaturate by 10%, it is **53.1595, 51.7494, 65.5800**.

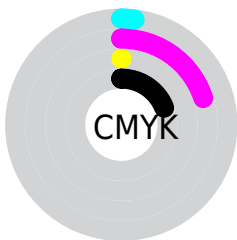
Distribution



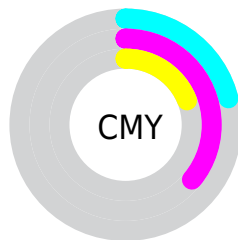
- Red (79%)
- Green (64%)
- Blue (81%)



- Red (79%)
- Yellow (64%)
- Blue (81%)



- Cyan (2%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)





- Cyan (21%)
- Magenta (36%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5034, 43.4247, 64.2179 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 48.5034, 43.4247, 64.2179 by changing the saturation by 10% instead.


 48.5034, 43.4247,
64.2179


 48.5034, 43.4247,
64.2179


371.3335,
360.3554, 458.2051

 34.4386, 30.2185,
46.3799


 87.1586, 80.3514,
112.5272

 23.3952, 20.0045,
32.1949

 112.4798,
104.8406, 143.8355

 15.0079, 12.3983,
21.2443


142.2837,
133.8596, 180.4710

 8.9113, 7.0155,
13.1097

176.9359,
167.7928, 222.8522

 4.7400, 3.4718,
7.3725

216.8016,
207.0246, 271.3977

 2.1287, 1.3827,
3.6142

262.2462,

 0.7048, 0.2040,

251.9394, 326.5260

1.4162

313.6350,
302.9215, 388.6556

■ 0.0000, 0.0000,
0.1543

■ 0.0000, 0.0000,
0.0000

■ 48.5034, 43.4247,
64.2179

■ 48.5034, 43.4247,
64.2179

■ 44.4576, 36.3034,
63.0572

■ 53.1595, 51.7494,
65.5800

■ 40.9894, 30.3224,
62.0856

■ 58.4487, 61.3254,
67.1496

■ 38.0690, 25.4215,
61.2935

■ 64.3975, 72.2050,
68.9360

■ 35.6622, 21.5325,
60.6697

■ 71.0298, 84.4356,
70.9472

■ 33.7312, 18.5796,
60.2015

■ 74.4178, 90.1619,
71.8739

■ 32.2325, 16.4762,
59.8745

■ 75.1358, 90.5320,
71.9075

■ 31.1147, 15.1195,
59.6716

■ 75.8646, 90.9077,
71.9416

■ 30.3085, 14.3377,
59.5632

■ 76.6043, 91.2890,
71.9762

■ 77.3549, 91.6760,
72.0113

Harmonies

Analogous

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



44.6274, 43.4247, 74.2114



48.5034, 43.4247, 64.2179



50.4712, 43.4247, 50.7615

Triad

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



48.5034, 43.4247, 64.2179



42.4715, 43.4247, 26.7051



33.7529, 43.4247, 57.2681

Complementary

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



48.5034, 43.4247, 64.2179



45.1360, 55.2591, 43.4114

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.



33.2678, 43.4247, 43.9655



48.5034, 43.4247, 64.2179



38.0927, 43.4247, 27.8108

Square

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



48.5034, 43.4247, 64.2179



46.8271, 43.4247, 30.2646



34.8010, 43.4247, 33.6210



36.1780, 43.4247, 69.7169

Rectangle

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



48.5034, 43.4247, 64.2179



50.3430, 43.4247, 42.2522



34.8010, 43.4247, 33.6210



33.3651, 43.4247, 52.6961

Sweetspot

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



48.5047, 43.4266, 64.2188



89.6949, 90.2798, 107.3061



40.7522, 40.9506, 64.1495



19.0786, 19.1070, 22.9324



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.



48.5047, 43.4266, 64.2188



75.9074, 65.6188, 103.2727



48.0904, 43.4187, 54.9071



11.5510, 11.3333, 14.1491



18.7171, 8.8566, 36.6793



1.0036, 0.4765, 1.8940

Inverse Universe

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



45.8920, 42.5393, 43.3305



71.0400, 63.9757, 63.9158



45.5599, 55.3071, 51.1361



11.2658, 11.2350, 11.9341



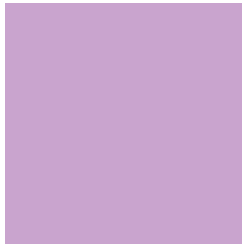
15.7974, 8.1296, 1.3860



0.8335, 0.4268, 0.1692

Previews

White Background



This preview shows how the XYZ color 48.5034, 43.4247, 64.2179 looks on a white background.

Color Contrast Check

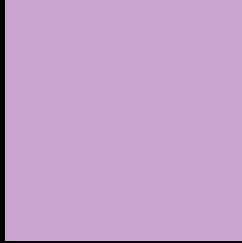
Large Text (above 18pt) WCAG AA × Fail

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 48.5034, 43.4247, 64.2179 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 48.5034, 43.4247, 64.2179

Background



This preview shows how black text looks on a background with the XYZ color 48.5034, 43.4247, 64.2179.



This preview shows how white text looks on a background with the XYZ color 48.5034, 43.4247,

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

48.5034, 43.4247, 64.2179

Protanopia

43.4887, 43.7889, 69.1108

Deuteranopia

44.4740, 43.5680, 63.1922



Tritanopia

45.4721, 43.2530, 50.2080

Trichromacy



Original Color

48.5034, 43.4247, 64.2179

Protanomaly

45.0182, 43.4823, 66.9930

Deuteranomaly

45.9464, 43.4751, 63.7275

Tritanomaly

46.5114, 43.4048, 55.2168

Monochromacy



Original Color

48.5034, 43.4247, 64.2179

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.0604, 44.6376, 54.3851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5034, 43.4247, 64.2179 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, 164, 206)` looks like.

```
.text, #text, p{  
    color:rgb(201, 164, 206)  
}
```

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, 164, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 164, 206) }
```

Border

The CSS property to change the border of an element to XYZ 48.5034, 43.4247, 64.2179 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, 164, 206) }
```


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

```
.border{ border-color:rgb(201, 164, 206) }
```

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

Here you see how a box with a 4 pixel rgb(201, 164, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 164, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 164, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 164,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5034, 43.4247, 64.2179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 164, 206) }
```

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

```
.background{ background-color: rgb(201,  
164, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor