

Converting Colors

XYZ(54.4709, 48.3264, 68.7443)

Have a look what the booklet for
XYZ(54.4709, 48.3264, 68.7443)
contains.

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Color

**XYZ(54.4709, 48.3264,
68.7443)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D7ABD4 |
| RGB | 215, 171, 212 |
| RGB Percent | 84%, 67%, 83% |
| CMY | 0.1569, 0.3294, 0.1686 |
| CMYK | 0.00, 0.20, 0.01, 0.16 |
| HSL | 304°, 35%, 76% |
| HSV | 304°, 20%, 84% |
| XYZ | 54.4709, 48.3264, 68.7443 |
| YIQ | 188.8300, 13.0630, 22.0790 |

Conversions

Conversions Part 2

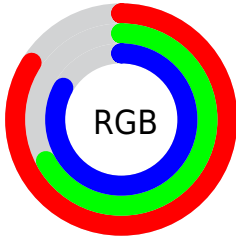
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 171, 212 |
| Decimal | 14134228 |
| CIE Lab | 75.03, 22.94, -14.63 |
| CIE LCh | 75, 27.210, 327.482 |
| Yxy | 48.3264, 0.3175, 0.2817 |
| Android (android.graphics.Color) | 4292324308 (0xFFD7ABD4) |
| YUV | 188.8300, 11.4228, 22.9511 |
| Hunter-Lab | 69.5172, 18.2104, -9.9688 |

Details

The XYZ color **54.4709, 48.3264, 68.7443** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7370, 60.3162, 49.1206**, and the grayscale version is **48.2055, 50.7159, 55.2297**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **27.0614, 22.8648, 34.8853** is the 20% darker color. If you saturate the color by 10%, you get **50.5518, 40.7821, 66.5301**, and if you desaturate by 10%, it is **59.0551, 57.1966, 71.1896**.

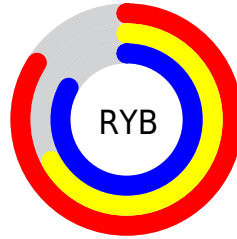
Distribution



Red (84%)

Green (67%)

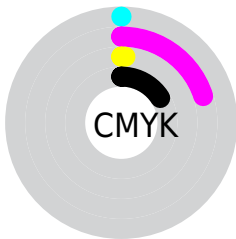
Blue (83%)



Red (84%)

Yellow (67%)

Blue (83%)

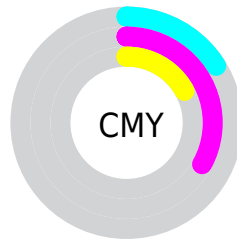


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (16%)



Cyan (16%)


Magenta (33%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4709, 48.3264, 68.7443 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 54.4709, 48.3264, 68.7443 by changing the saturation by 10% instead.


 54.4709, 48.3264,
68.7443

 54.4709, 48.3264,
68.7443


394.0723,
380.0844, 474.7981

 39.2104, 34.0854,
50.0330

 95.9182, 87.6902,
119.0805

 27.1049, 22.9592,
35.0683


122.8357,
113.5818, 151.5426

 17.7890, 14.5634,
23.4315

154.3695,
144.1257, 189.4253

 10.8974, 8.5136,
14.7042

190.8852,
179.7064, 233.1473

 6.0647, 4.4253,
8.4677

232.7479,
220.7083, 283.1270

 2.9255, 1.9142,
4.3036

280.3231,

 1.1145, 0.5569,

267.5156, 339.7830

1.7933

333.9761,
320.5129, 403.5339

■ 0.0372, 0.0000,
0.4236

■ 0.0000, 0.0000,
0.0000

■ 54.4709, 48.3264,
68.7443

■ 54.4709, 48.3264,
68.7443

■ 50.5518, 40.7821,
66.5301

■ 59.0551, 57.1966,
71.1896

■ 47.2616, 34.4937,
64.5331

■ 64.3298, 67.4460,
73.8729

■ 44.5672, 29.3942,
62.7431

■ 70.3244, 79.1323,
76.8045

■ 42.4307, 25.4078,
61.1472

■ 76.4220, 91.0222,
79.7787

40.8099, 22.4503,
59.7314

76.6146, 91.0992,
80.7930

39.6566, 20.4250,
58.4797

76.8090, 91.1770,
81.8163

38.9135, 19.2174,
57.3728

77.0050, 91.2554,
82.8485

38.4898, 18.6333,
56.4198

77.2027, 91.3345,
83.8898

77.4022, 91.4142,
84.9401

Harmonies

Analogous

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



50.4852, 48.3264, 80.8237



54.4709, 48.3264, 68.7443



56.1561, 48.3264, 53.8305

Triad

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



54.4709, 48.3264, 68.7443



46.3538, 48.3264, 29.7404



37.9662, 48.3264, 66.2859

Complementary

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



54.4709, 48.3264, 68.7443



48.7370, 60.3162, 49.1206

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.



37.0323, 48.3264, 51.4263



54.4709, 48.3264, 68.7443



41.6626, 48.3264, 31.8831

Square

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



54.4709, 48.3264, 68.7443



51.2635, 48.3264, 32.7516



38.3370, 48.3264, 39.2362



40.9851, 48.3264, 79.2339

Rectangle

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



54.4709, 48.3264, 68.7443



55.6634, 48.3264, 44.8185



38.3370, 48.3264, 39.2362



37.4079, 48.3264, 61.2764

Sweetspot

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



54.4724, 48.3285, 68.7453



90.1943, 90.5567, 106.4550



44.2715, 43.0257, 70.2623



19.1971, 19.1727, 22.7305



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.



54.4724, 48.3285, 68.7453



77.2832, 65.5739, 99.5637



51.8905, 47.2958, 55.1494



12.9148, 12.6174, 15.4914



23.0372, 11.1512, 33.8297



1.4007, 0.6771, 2.0996

Inverse Universe

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



54.4724, 48.3285, 68.7453



77.2832, 65.5739, 99.5637



51.0530, 61.2426, 61.3167



12.9148, 12.6174, 15.4914



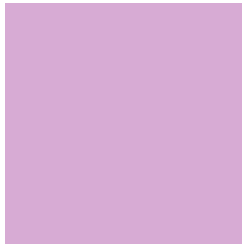
23.0372, 11.1512, 33.8297



1.4007, 0.6771, 2.0996

Previews

White Background



This preview shows how the XYZ color 54.4709, 48.3264, 68.7443 looks on a white background.

Color Contrast Check

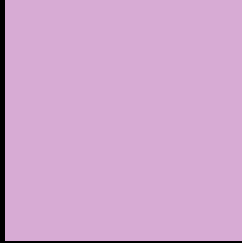
Large Text (above 18pt) WCAG AA × Fail

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 54.4709, 48.3264, 68.7443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

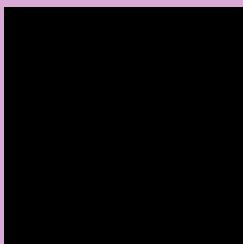
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4709, 48.3264, 68.7443

Background



This preview shows how black text looks on a background with the XYZ color 54.4709, 48.3264, 68.7443.



This preview shows how white text looks on a background with the XYZ color 54.4709, 48.3264,

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

54.4709, 48.3264, 68.7443

Protanopia

47.9832, 48.3814, 74.5197

Deuteranopia

49.4400, 48.3720, 67.7037



Tritanopia

51.6667, 48.3311, 54.7498

Trichromacy



Original Color

54.4709, 48.3264, 68.7443

Protanomaly

50.1303, 48.3263, 72.3314

Deuteranomaly

51.2994, 48.4268, 68.2715

Tritanomaly

52.6547, 48.4495, 59.3998

Monochromacy



Original Color

54.4709, 48.3264, 68.7443

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.0947, 49.4929, 59.7361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4709, 48.3264, 68.7443 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(215, 171, 212)` looks like.

```
.text, #text, p{  
    color:rgb(215, 171, 212)  
}
```

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(215, 171, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 171, 212) }
```

Border

The CSS property to change the border of an element to XYZ 54.4709, 48.3264, 68.7443 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(215, 171, 212) }
```


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

```
.border{ border-color:rgb(215, 171, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 171, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 171, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 171, 212);  
box-shadow:4px 4px 4px 4px rgb(215, 171,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4709, 48.3264, 68.7443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 171, 212) }
```

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

```
.background{ background-color: rgb(215,  
171, 212) }
```

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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