

Converting Colors

XYZ(54.4283, 48.5119, 72.1407)

Have a look what the booklet for
XYZ(54.4283, 48.5119, 72.1407)
contains.

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Color

**XYZ(54.4283, 48.5119,
72.1407)**

Conversions

Conversions Part 1

Format	Color
Hex	D4ACD9
RGB	212, 172, 217
RGB Percent	83%, 67%, 85%
CMY	0.1686, 0.3255, 0.1490
CMYK	0.02, 0.21, 0.00, 0.15
HSL	293°, 37%, 76%
HSV	293°, 21%, 85%
XYZ	54.4283, 48.5119, 72.1407
YIQ	189.0900, 9.3950, 22.4750

Conversions

Conversions Part 2

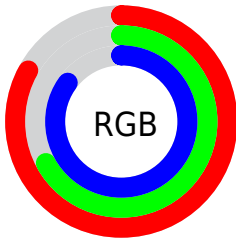
Format	Color
R _Y B	212, 172, 217
Decimal	13937881
CIE Lab	75.15, 22.33, -17.21
CIE LCh	75, 28.194, 322.389
Yxy	48.5119, 0.3109, 0.2771
Android (android.graphics.Color)	4292127961 (0xFFD4ACD9)
YUV	189.0900, 13.7596, 20.0921
Hunter-Lab	69.6505, 17.6003, -12.6545

Details

The XYZ color **54.4283, 48.5119, 72.1407** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.3925, 61.9527, 48.3343**, and the grayscale version is **48.3426, 50.8601, 55.3867**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **27.0230, 22.9704, 37.1919** is the 20% darker color. If you saturate the color by 10%, you get **49.9414, 40.5615, 70.8433**, and if you desaturate by 10%, it is **59.6029, 57.8205, 73.6654**.

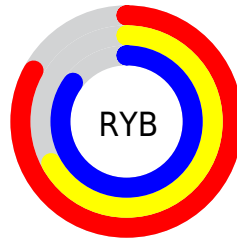
Distribution



Red (83%)

Green (67%)

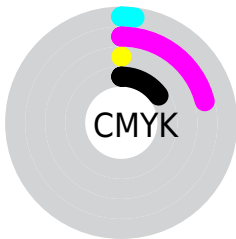
Blue (85%)



Red (83%)

Yellow (67%)

Blue (85%)

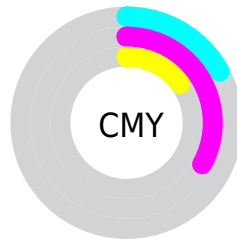


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (15%)



Cyan (17%)


Magenta (33%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4283, 48.5119, 72.1407 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 54.4283, 48.5119, 72.1407 by changing the saturation by 10% instead.


 54.4283, 48.5119,
72.1407

 54.4283, 48.5119,
72.1407


393.9129,
380.8176, 487.0219

 39.1762, 34.2324,
52.7861

 95.8560, 87.9661,
123.9661

 27.0782, 23.0722,
37.2455


122.7624,
113.9096, 157.2740

 17.7688, 14.6468,
25.1003


154.2842,
144.5099, 196.0701

 10.8828, 8.5719,
15.9321

190.7869,
180.1515, 240.7729

 6.0548, 4.4630,
9.3223

232.6357,
221.2186, 291.8009

 2.9194, 1.9358,
4.8523

280.1961,

 1.1113, 0.5698,

268.0958, 349.5727

2.1037

333.8334,
321.1673, 414.5068

■ 0.0345, 0.0000,
0.6179

■ 0.0000, 0.0000,
0.0000

■ 54.4283, 48.5119,
72.1407

■ 54.4283, 48.5119,
72.1407

■ 49.9414, 40.5615,
70.8433

■ 59.6029, 57.8205,
73.6654

■ 46.1050, 33.8976,
69.7593

■ 65.4912, 68.5420,
75.4245

■ 42.8852, 28.4515,
68.8778

■ 72.1233, 80.7357,
77.4286

■ 40.2430, 24.1455,
68.1859

■ 78.3004, 92.0036,
79.2780

38.1350, 20.8928,
67.6692

79.0427, 92.3862,
79.3127

36.5118, 18.5945,
67.3111

79.7956, 92.7744,
79.3479

35.3141, 17.1324,
67.0920

80.5592, 93.1680,
79.3837

34.4887, 16.3328,
66.9812

81.3334, 93.5671,
79.4199

82.1184, 93.9718,
79.4566

Harmonies

Analogous

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



49.9944, 48.5119, 83.7092



54.4283, 48.5119, 72.1407



56.6649, 48.5119, 56.6768

Triad

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



54.4283, 48.5119, 72.1407



47.4364, 48.5119, 29.3562



37.5262, 48.5119, 64.4066

Complementary

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



54.4283, 48.5119, 72.1407



50.3925, 61.9527, 48.3343

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.



36.9531, 48.5119, 49.1446



54.4283, 48.5119, 72.1407



42.4305, 48.5119, 30.6542

Square

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



54.4283, 48.5119, 72.1407



52.4366, 48.5119, 33.3493



38.6840, 48.5119, 37.3012



40.3123, 48.5119, 78.6946

Rectangle

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



54.4283, 48.5119, 72.1407



56.5001, 48.5119, 46.9535



38.6840, 48.5119, 37.3012



37.0772, 48.5119, 59.1585

Sweetspot

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



54.4298, 48.5140, 72.1417



89.7392, 90.3027, 107.3081



45.3113, 45.3259, 72.0070



19.0891, 19.1125, 22.9329



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.



54.4298, 48.5140, 72.1417



75.4172, 64.5320, 103.0887



53.7655, 48.4174, 61.0038



13.4645, 13.1976, 16.4899



20.9334, 9.9157, 40.5490



1.3977, 0.6638, 2.6289

Inverse Universe

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



51.3053, 47.4333, 48.0488



70.1569, 62.7234, 62.0371



51.0403, 62.0826, 57.5815



13.1146, 13.0749, 13.8646



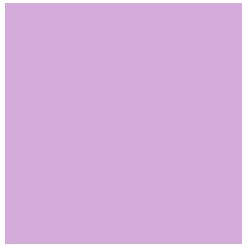
17.4420, 8.9778, 1.4417



1.1502, 0.5897, 0.1997

Previews

White Background



This preview shows how the XYZ color 54.4283, 48.5119, 72.1407 looks on a white background.

Color Contrast Check

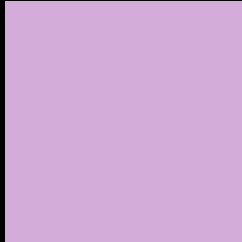
Large Text (above 18pt) WCAG AA × Fail

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 54.4283, 48.5119, 72.1407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

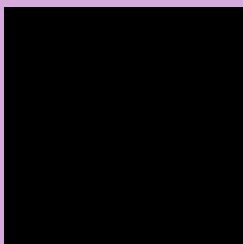
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4283, 48.5119, 72.1407

Background



This preview shows how black text looks on a background with the XYZ color 54.4283, 48.5119, 72.1407.



This preview shows how white text looks on a background with the XYZ color 54.4283, 48.5119,

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

54.4283, 48.5119, 72.1407

Protanopia

48.6356, 48.9473, 78.1186

Deuteranopia

49.7759, 48.7729, 71.0806



Tritanopia

51.1385, 48.6158, 55.9787

Trichromacy



Original Color

54.4283, 48.5119, 72.1407

Protanomaly

50.4923, 48.7353, 75.8529

Deuteranomaly

51.3410, 48.6690, 71.6538

Tritanomaly

52.0498, 48.3854, 61.2396

Monochromacy



Original Color

54.4283, 48.5119, 72.1407

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.2682, 49.8608, 61.0075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4283, 48.5119, 72.1407 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(212, 172, 217)` looks like.

```
.text, #text, p{  
    color:rgb(212, 172, 217)  
}
```

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(212, 172, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 172, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.4283, 48.5119, 72.1407 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(212, 172, 217) }
```


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

```
.border{ border-color:rgb(212, 172, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 172, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 172, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 172, 217);  
box-shadow:4px 4px 4px 4px rgb(212, 172,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4283, 48.5119, 72.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 172, 217) }
```

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

```
.background{ background-color: rgb(212,  
172, 217) }
```

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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