

Converting Colors

XYZ(54.0570, 47.5270, 69.9432)

Have a look what the booklet for
XYZ(54.0570, 47.5270, 69.9432)
contains.

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Color

**XYZ(54.0571, 47.5271,
69.9429)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A9D6
RGB	214, 169, 214
RGB Percent	84%, 66%, 84%
CMY	0.1608, 0.3372, 0.1608
CMYK	0.00, 0.21, 0.00, 0.16
HSL	300°, 35%, 75%
HSV	300°, 21%, 84%
XYZ	54.0571, 47.5271, 69.9429
YIQ	187.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

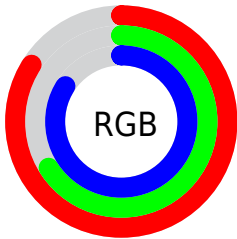
Format	Color
R _Y B	214, 169, 214
Decimal	14068182
CIE Lab	74.53, 24.06, -16.49
CIE LCh	75, 29.172, 325.583
Yxy	47.5271, 0.3152, 0.2771
Android (android.graphics.Color)	4292258262 (0xFFD6A9D6)
YUV	187.5850, 13.0226, 23.1660
Hunter-Lab	68.9399, 19.3204, -11.8947

Details

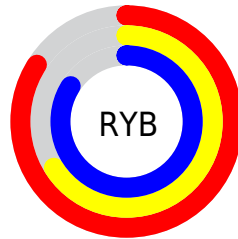
The XYZ color **54.0571, 47.5271, 69.9429** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.5720, 59.3941, 46.4955**, and the grayscale version is **47.4895, 49.9627, 54.4094**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **26.9174, 22.5967, 35.7438** is the 20% darker color. If you saturate the color by 10%, you get **50.3977, 40.2074, 68.7236**, and if you desaturate by 10%, it is **58.3710, 56.1540, 71.3815**.

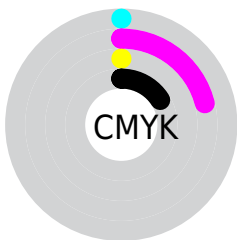
Distribution



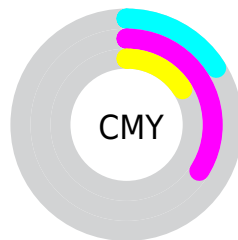
- Red (84%)
- Green (66%)
- Blue (84%)



- Red (84%)
- Yellow (66%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0571, 47.5271, 69.9429 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 54.0571, 47.5271, 69.9429 by changing the saturation by 10% instead.


 54.0571, 47.5271,
69.9429


 54.0571, 47.5271,
69.9429


392.5225,
376.9146, 479.1332

 38.8782, 33.4525,
51.0035


 95.3145, 86.4999,
120.8077

 26.8453, 22.4733,
35.8346


 122.1236,
112.1669, 153.5701

 17.5930, 14.2051,
24.0178

153.5402,
142.4669, 191.7773

 10.7561, 8.2635,
15.1345

189.9297,
177.7842, 235.8477

 5.9692, 4.2640,
8.7662

231.6572,
218.5032, 286.2000

 2.8668, 1.8223,
4.4943

279.0883,

 1.0837, 0.5010,

265.0083, 343.2526

1.9002

332.5883,
317.6840, 407.4242

■ 0.0114, 0.0000,
0.4929

■ 0.0000, 0.0000,
0.0000

■ 54.0571, 47.5271,
69.9429

■ 54.0571, 47.5271,
69.9429

■ 50.3977, 40.2074,
68.7236

■ 58.3710, 56.1540,
71.3815

■ 47.3567, 34.1255,
67.7098

■ 63.3645, 66.1410,
73.0460

■ 44.9013, 29.2148,
66.8913

■ 69.0668, 77.5456,
74.9469

■ 42.9939, 25.4000,
66.2554

■ 75.5040, 90.4199,
77.0927

41.5925, 22.5971,
65.7882

75.6297, 90.6715,
77.1346

40.6489, 20.7100,
65.4737

75.6298, 90.6715,
77.1347

40.1059, 19.6241,
65.2926

75.6298, 90.6715,
77.1348

39.8696, 19.1514,
65.2138

75.6298, 90.6715,
77.1349

75.6298, 90.6715,
77.1349

Harmonies

Analogous

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



49.6908, 47.5271, 82.5803



54.0571, 47.5271, 69.9429



56.0462, 47.5271, 54.0161

Triad

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



54.0571, 47.5271, 69.9429



45.9579, 47.5271, 27.8752



36.6371, 47.5271, 65.3168

Complementary

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



54.0571, 47.5271, 69.9429



47.5720, 59.3941, 46.4955

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.



35.8059, 47.5271, 49.5461



54.0571, 47.5271, 69.9429



40.9379, 47.5271, 29.7415

Square

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



54.0571, 47.5271, 69.9429



51.1450, 47.5271, 31.3133



37.3200, 47.5271, 37.0201



39.6851, 47.5271, 79.5658

Rectangle

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



54.0571, 47.5271, 69.9429



55.6519, 47.5271, 44.3392



37.3200, 47.5271, 37.0201



36.0998, 47.5271, 59.9413

Sweetspot

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



54.0585, 47.5292, 69.9439



90.3618, 90.6237, 107.3372



42.6899, 41.6684, 69.4120



19.2369, 19.1886, 22.9398



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.



54.0585, 47.5292, 69.9439



77.9753, 65.8507, 103.2082



51.3803, 46.4579, 55.8402



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4169



1.4535, 0.6982, 2.3774

Inverse Universe

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



54.0585, 47.5292, 69.9439



77.9753, 65.8507, 103.2082



49.8696, 60.3131, 58.5942



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4169



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 54.0571, 47.5271, 69.9429 looks on a white background.

Color Contrast Check

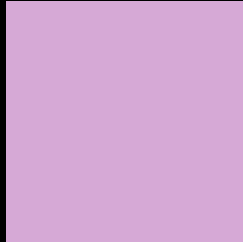
Large Text (above 18pt) WCAG AA × Fail

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 54.0571, 47.5271, 69.9429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

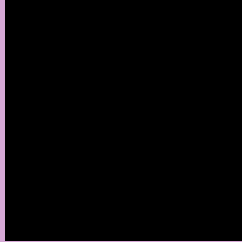
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0571, 47.5271, 69.9429

Background



This preview shows how black text looks on a background with the XYZ color 54.0571, 47.5271, 69.9429.



This preview shows how white text looks on a background with the XYZ color 54.0571, 47.5271,

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

54.0571, 47.5271, 69.9429

Protanopia

47.7264, 47.8976, 76.5417

Deuteranopia

48.7428, 47.6850, 68.9225



Tritanopia

50.6840, 47.5616, 53.5227

Trichromacy



Original Color

54.0571, 47.5271, 69.9429

Protanomaly

49.6267, 47.4304, 74.2495

Deuteranomaly

50.3662, 47.3344, 69.4327

Tritanomaly

51.6945, 47.3851, 59.2450

Monochromacy



Original Color

54.0571, 47.5271, 69.9429

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.6279, 48.9493, 59.6558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0571, 47.5271, 69.9429 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(214, 169, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 169, 214)  
}
```

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(214, 169, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 169, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.0571, 47.5271, 69.9429 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(214, 169, 214) }
```


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

```
.border{ border-color:rgb(214, 169, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 169, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 169, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 169, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 169,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0571, 47.5271, 69.9429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 169, 214) }
```

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

```
.background{ background-color: rgb(214,  
169, 214) }
```

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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