

Converting Colors

XYZ(57.2245, 49.5370, 74.7047)

Have a look what the booklet for
XYZ(57.2245, 49.5370, 74.7047)
contains.

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Color

**XYZ(57.4328, 49.7184,
74.9762)**

Conversions

Conversions Part 1

Format	Color
Hex	DDABDD
RGB	221, 171, 221
RGB Percent	87%, 67%, 87%
CMY	0.1333, 0.3294, 0.1333
CMYK	0.00, 0.23, 0.00, 0.13
HSL	300°, 42%, 77%
HSV	300°, 23%, 87%
XYZ	57.4328, 49.7184, 74.9762
YIQ	191.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

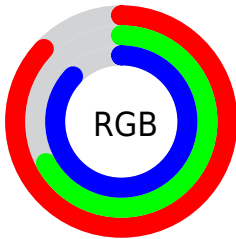
Format	Color
R _{YB}	221, 171, 221
Decimal	14527453
CIE Lab	75.90, 26.61, -18.17
CIE LCh	76, 32.219, 325.672
Yxy	49.7184, 0.3153, 0.2730
Android (android.graphics.Color)	4292717533 (0xFFDDABDD)
YUV	191.6500, 14.4696, 25.7400
Hunter-Lab	70.5113, 21.9970, -13.6865

Details

The XYZ color **57.4328, 49.7184, 74.9762** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.0036, 63.3125, 48.1158**, and the grayscale version is **49.8130, 52.4071, 57.0714**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **28.8784, 23.7094, 39.1307** is the 20% darker color. If you saturate the color by 10%, you get **53.6029, 42.0577, 73.7000**, and if you desaturate by 10%, it is **61.9637, 58.7793, 76.4871**.

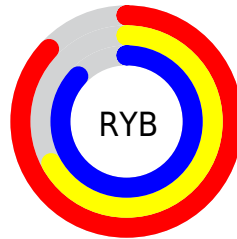
Distribution



Red (87%)

Green (67%)

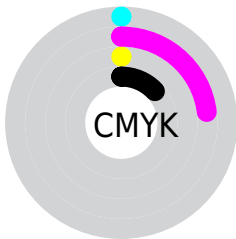
Blue (87%)



Red (87%)

Yellow (67%)

Blue (87%)

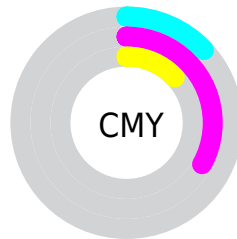


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4328, 49.7184, 74.9762 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 57.4328, 49.7184, 74.9762 by changing the saturation by 10% instead.

■ 57.4328, 49.7184,
74.9762

■ 57.4328, 49.7184,
74.9762

405.0571,
385.5637, 497.0890

■ 41.5943, 35.1897,
55.0918

■ 100.2241, 89.7575,
128.0255

■ 28.9735, 23.8090,
39.0761

127.9077,
116.0367, 162.0274

■ 19.2049, 15.1920,
26.5107

160.2704,
147.0015, 201.5722

■ 11.9233, 8.9543,
16.9769

197.6774,
183.0363, 247.0785

■ 6.7633, 4.7114,
10.0562

240.4943,
224.5256, 298.9648

■ 3.3595, 2.0789,
5.3302

289.0863,

■ 1.3466, 0.6527,

271.8536, 357.6496

2.3801

343.8188,
325.4049, 423.5515

■ 0.2177, 0.0000,
0.7756

■ 0.0000, 0.0000,
0.0000

■ 57.4328, 49.7184,
74.9762

■ 57.4328, 49.7184,
74.9762

■ 53.6029, 42.0577,
73.7000

■ 61.9637, 58.7793,
76.4871

■ 50.4346, 35.7212,
72.6439

■ 67.2232, 69.2983,
78.2404

■ 47.8920, 30.6359,
71.7963

■ 73.2432, 81.3382,
80.2471

■ 45.9335, 26.7190,
71.1434

■ 78.6305, 92.1129,
82.0429

44.5128, 23.8777,
70.6697

78.6305, 92.1129,
82.0430

43.5765, 22.0051,
70.3576

78.6306, 92.1129,
82.0431

43.0602, 20.9725,
70.1854

78.6306, 92.1129,
82.0432

42.8704, 20.5928,
70.1221

78.6306, 92.1129,
82.0432

78.6306, 92.1129,
82.0433

Harmonies

Analogous

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



52.4296, 49.7184, 89.6888



57.4328, 49.7184, 74.9762



59.7123, 49.7184, 56.6656

Triad

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



57.4328, 49.7184, 74.9762



48.1314, 49.7184, 27.4300



37.6060, 49.7184, 69.7394

Complementary

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



57.4328, 49.7184, 74.9762



50.0036, 63.3125, 48.1158

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.



36.6647, 49.7184, 51.6806



57.4328, 49.7184, 74.9762



42.4342, 49.7184, 29.4916

Square

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



57.4328, 49.7184, 74.9762



54.0616, 49.7184, 31.1855



38.3583, 49.7184, 37.5650



41.0466, 49.7184, 86.2443

Rectangle

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



57.4328, 49.7184, 74.9762



59.2509, 49.7184, 45.6949



38.3583, 49.7184, 37.5650



36.9999, 49.7184, 63.5550

Sweetspot

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



57.4343, 49.7206, 74.9773



89.6176, 89.1353, 107.0891



44.4108, 43.0067, 74.3679



19.0868, 18.8885, 22.8898



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.



57.4343, 49.7206, 74.9773



76.8805, 63.6610, 102.8432



54.3472, 48.4857, 58.7207



13.6144, 13.2749, 16.4969



24.9037, 11.9625, 40.7344



1.6134, 0.7750, 2.6390

Inverse Universe

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



57.4343, 49.7206, 74.9773



76.8805, 63.6610, 102.8432



52.6166, 64.3577, 61.8755



13.6144, 13.2749, 16.4969



24.9037, 11.9625, 40.7344



1.6134, 0.7750, 2.6390

Previews

White Background



This preview shows how the XYZ color 57.4328, 49.7184, 74.9762 looks on a white background.

Color Contrast Check

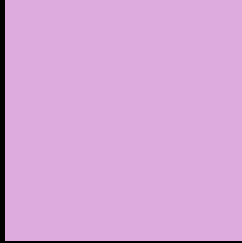
Large Text (above 18pt) WCAG AA × Fail

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 57.4328, 49.7184, 74.9762 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 57.4328, 49.7184, 74.9762

Background



This preview shows how black text looks on a background with the XYZ color 57.4328, 49.7184, 74.9762.



This preview shows how white text looks on a background with the XYZ color 57.4328, 49.7184,

74.9762.

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

57.4328, 49.7184, 74.9762

Protanopia

50.1142, 50.2344, 82.6562

Deuteranopia

50.9549, 49.9286, 73.9694



Tritanopia

53.6317, 49.9137, 55.5228

Trichromacy



Original Color

57.4328, 49.7184, 74.9762

Protanomaly

52.3813, 49.9313, 79.5499

Deuteranomaly

53.1258, 49.8250, 74.5273

Tritanomaly

54.7860, 49.7824, 61.9798

Monochromacy



Original Color

57.4328, 49.7184, 74.9762

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.5486, 51.2893, 63.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4328, 49.7184, 74.9762 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(221, 171, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 171, 221)  
}
```

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(221, 171, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 171, 221) }
```

Border

The CSS property to change the border of an element to XYZ 57.4328, 49.7184, 74.9762 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(221, 171, 221) }
```


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

```
.border{ border-color:rgb(221, 171, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 171, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 171, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 171, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 171,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4328, 49.7184, 74.9762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 171, 221) }
```

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

```
.background{ background-color: rgb(221,  
171, 221) }
```

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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