

Converting Colors

XYZ(54.9709, 47.4067, 71.9118)

Have a look what the booklet for
XYZ(54.9709, 47.4067, 71.9118)
contains.

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Color

**XYZ(54.9584, 47.3989,
71.8979)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A7D9
RGB	217, 167, 217
RGB Percent	85%, 65%, 85%
CMY	0.1490, 0.3451, 0.1490
CMYK	0.00, 0.23, 0.00, 0.15
HSL	300°, 40%, 75%
HSV	300°, 23%, 85%
XYZ	54.9584, 47.3989, 71.8979
YIQ	187.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

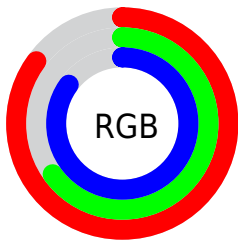
Format	Color
R _{YB}	217, 167, 217
Decimal	14264281
CIE Lab	74.44, 26.71, -18.22
CIE LCh	74, 32.330, 325.693
Yxy	47.3989, 0.3154, 0.2720
Android (android.graphics.Color)	4292454361 (0xFFD9A7D9)
YUV	187.6500, 14.4696, 25.7400
Hunter-Lab	68.8469, 22.0092, -13.7247

Details

The XYZ color **54.9584, 47.3989, 71.8979** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.7262, 60.6328, 45.7497**, and the grayscale version is **47.5179, 49.9925, 54.4418**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **27.5526, 22.5515, 37.0831** is the 20% darker color. If you saturate the color by 10%, you get **51.3122, 40.1058, 70.6829**, and if you desaturate by 10%, it is **59.2745, 56.0302, 73.3373**.

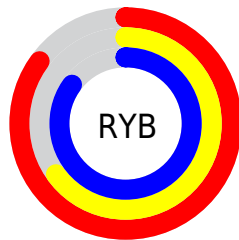
Distribution



Red (85%)

Green (65%)

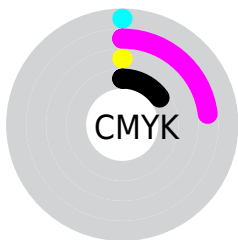
Blue (85%)



Red (85%)

Yellow (65%)

Blue (85%)

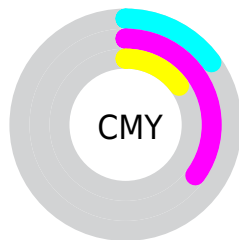


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (15%)



Cyan (15%)


Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9584, 47.3989, 71.8979 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 54.9584, 47.3989, 71.8979 by changing the saturation by 10% instead.


 54.9584, 47.3989,
71.8979


 54.9584, 47.3989,
71.8979

395.8932,
376.4045, 486.1541

 39.6021, 33.3511,
52.5889

 96.6287, 86.3088,
123.6177

 27.4113, 22.3956,
37.0893


 123.6734,
111.9396, 156.8657

 18.0205, 14.1478,
24.9803


155.3450,
142.2003, 195.5971

 11.0645, 8.2236,
15.8435

192.0088,
177.4751, 240.2304

 6.1779, 4.2383,
9.2603

234.0301,
218.1486, 291.1842

 2.9952, 1.8078,
4.8122

281.7744,

 1.1512, 0.4920,

264.6051, 348.8771

2.0807

335.6070,
317.2289, 413.7276

■ 0.0673, 0.0000,
0.6043

■ 0.0000, 0.0000,
0.0000

■ 54.9584, 47.3989,
71.8979

■ 54.9584, 47.3989,
71.8979

■ 51.3122, 40.1058,
70.6829

■ 59.2745, 56.0302,
73.3373

■ 48.2984, 34.0781,
69.6781

■ 64.2871, 66.0553,
75.0083

■ 45.8821, 29.2457,
68.8725

■ 70.0266, 77.5343,
76.9217

■ 44.0238, 25.5290,
68.2529

■ 76.5205, 90.5220,
79.0864

42.6787, 22.8389,
67.8044

76.9004, 91.2818,
79.2133

41.7955, 21.0726,
67.5098

76.9005, 91.2818,
79.2134

41.3123, 20.1063,
67.3486

76.9005, 91.2819,
79.2136

41.1400, 19.7617,
67.2910

76.9005, 91.2819,
79.2138

76.9005, 91.2819,
79.2139

Harmonies

Analogous

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



50.0875, 47.3989, 86.2760



54.9584, 47.3989, 71.8979



57.1777, 47.3989, 54.0575

Triad

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



54.9584, 47.3989, 71.8979



45.8981, 47.3989, 25.7617



35.6871, 47.3989, 66.8149

Complementary

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



54.9584, 47.3989, 71.8979



47.7262, 60.6328, 45.7497

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.



34.7733, 47.3989, 49.2362



54.9584, 47.3989, 71.8979



40.3644, 47.3989, 27.7510

Square

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



54.9584, 47.3989, 71.8979



51.6683, 47.3989, 29.3756



36.4125, 47.3989, 35.5490



39.0247, 47.3989, 82.9251

Rectangle

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



54.9584, 47.3989, 71.8979



56.7262, 47.3989, 43.4045



36.4125, 47.3989, 35.5490



35.0993, 47.3989, 60.7881

Sweetspot

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



54.9599, 47.4010, 71.8989



89.6176, 89.1353, 107.0890



42.2816, 40.8651, 71.3060



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.



54.9599, 47.4010, 71.8989



76.3474, 62.5950, 102.6651



51.9501, 46.1971, 56.0499



13.6144, 13.2749, 16.4968



24.9036, 11.9625, 40.7338



1.6134, 0.7750, 2.6389

Inverse Universe

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



54.9599, 47.4010, 71.8989



76.3474, 62.5950, 102.6651



50.2654, 61.6484, 59.1211



13.6144, 13.2749, 16.4968



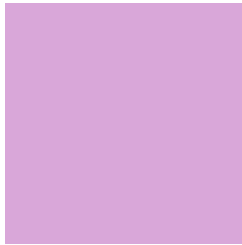
24.9036, 11.9625, 40.7338



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 54.9584, 47.3989, 71.8979 looks on a white background.

Color Contrast Check

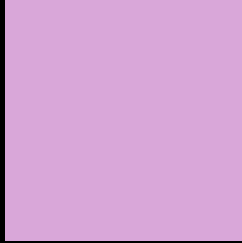
Large Text (above 18pt) WCAG AA × Fail

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 54.9584, 47.3989, 71.8979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

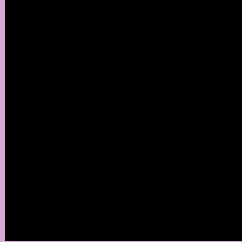
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9584, 47.3989, 71.8979

Background



This preview shows how black text looks on a background with the XYZ color 54.9584, 47.3989, 71.8979.



This preview shows how white text looks on a background with the XYZ color 54.9584, 47.3989,

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

54.9584, 47.3989, 71.8979

Protanopia

47.8267, 47.8862, 79.3953

Deuteranopia

48.6355, 47.5856, 70.9115



Tritanopia

51.2471, 47.5784, 52.9369

Trichromacy



Original Color

54.9584, 47.3989, 71.8979

Protanomaly

50.0277, 47.5908, 76.3612

Deuteranomaly

50.7506, 47.4881, 71.4570

Tritanomaly

52.3725, 47.4532, 59.2224

Monochromacy



Original Color

54.9584, 47.3989, 71.8979

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.1832, 48.9082, 60.8281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9584, 47.3989, 71.8979 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(217, 167, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 167, 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(217, 167, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.9584, 47.3989, 71.8979 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(217, 167, 217) }
```


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

```
.border{ border-color:rgb(217, 167, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 167, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 167, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 167, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 167,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9584, 47.3989, 71.8979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 217) }
```

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

```
.background{ background-color: rgb(217,  
167, 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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