

Converting Colors

XYZ(54.6423, 50.1297, 74.1237)

Have a look what the booklet for
XYZ(54.6423, 50.1297, 74.1237)
contains.

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Color

**XYZ(54.5207, 49.9687,
73.7892)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B1DB
RGB	208, 177, 219
RGB Percent	82%, 69%, 86%
CMY	0.1843, 0.3059, 0.1412
CMYK	0.05, 0.19, 0.00, 0.14
HSL	284°, 37%, 78%
HSV	284°, 19%, 86%
XYZ	54.5207, 49.9687, 73.7892
YIQ	191.0570, 4.9940, 19.6340

Conversions

Conversions Part 2

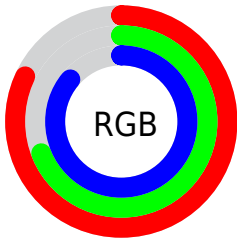
Format	Color
R _Y B	208, 177, 219
Decimal	13677019
CIE Lab	76.05, 18.68, -16.97
CIE LCh	76, 25.232, 317.744
Yxy	49.9687, 0.3058, 0.2803
Android (android.graphics.Color)	4291867099 (0xFFD0B1DB)
YUV	191.0570, 13.7759, 14.8590
Hunter-Lab	70.6885, 13.9686, -12.4087

Details

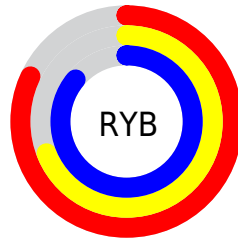
The XYZ color **54.5207, 49.9687, 73.7892** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.0083, 64.5301, 51.2066**, and the grayscale version is **49.4762, 52.0529, 56.6856**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **27.0454, 23.8679, 38.3035** is the 20% darker color. If you saturate the color by 10%, you get **48.9541, 41.1857, 72.3881**, and if you desaturate by 10%, it is **60.8429, 60.1744, 75.4266**.

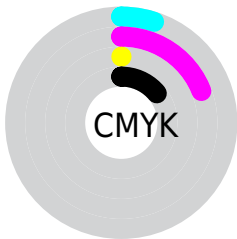
Distribution



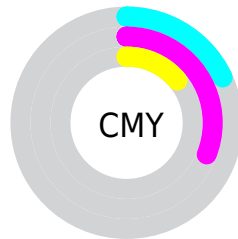
- Red (82%)
- Green (69%)
- Blue (86%)



- Red (82%)
- Yellow (69%)
- Blue (86%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5207, 49.9687, 73.7892 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 54.5207, 49.9687, 73.7892 by changing the saturation by 10% instead.

■ 54.5207, 49.9687,
73.7892

■ 54.5207, 49.9687,
73.7892

394.2585,
386.5435, 492.8894

■ 39.2504, 35.3885,
54.1258

■ 95.9908, 90.1285,
126.3282

■ 27.1362, 23.9623,
38.3084

122.9213,
116.4769, 160.0409

■ 17.8127, 15.3057,
25.9184

154.4693,
147.5169, 199.2738

■ 10.9144, 9.0342,
16.5374

191.0001,
183.6328, 244.4453

■ 6.0762, 4.7635,
9.7468

232.8790,
225.2090, 295.9741

■ 2.9326, 2.1092,
5.1280

280.4715,

■ 1.1182, 0.6698,

272.6299, 354.2787

2.2625

334.1429,
326.2800, 419.7776

■ 0.0403, 0.0000,
0.7101

■ 0.0000, 0.0000,
0.0000

■ 54.5207, 49.9687,
73.7892

■ 54.5207, 49.9687,
73.7892

■ 48.9541, 41.1857,
72.3881

■ 60.8429, 60.1744,
75.4266

■ 44.1047, 33.7525,
71.2089

■ 67.9475, 71.8582,
77.3074

■ 39.9378, 27.5995,
70.2409

■ 75.8656, 85.0807,
79.4423

■ 36.4137, 22.6481,
69.4709

■ 81.4839, 93.6145,
80.7933

33.4882, 18.8110,
68.8845

83.3653, 94.5844,
80.8814

31.1110, 15.9887,
68.4650

85.3080, 95.5859,
80.9723

29.2230, 14.0638,
68.1930

87.3125, 96.6192,
81.0661

27.7290, 12.8468,
68.0368

89.3793, 97.6847,
81.1628

27.6135, 12.7582,
68.0258

89.7863, 97.8945,
81.1819

Harmonies

Analogous

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



50.3090, 49.9687, 83.0539



54.5207, 49.9687, 73.7892



56.9097, 49.9687, 60.1042

Triad

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



54.5207, 49.9687, 73.7892



49.4433, 49.9687, 32.7849



39.3761, 49.9687, 62.7052

Complementary

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



54.5207, 49.9687, 73.7892



54.0083, 64.5301, 51.2066

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.



39.1783, 49.9687, 49.0825



54.5207, 49.9687, 73.7892



44.7855, 49.9687, 33.2457

Square

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



54.5207, 49.9687, 73.7892



53.8510, 49.9687, 37.3723



41.0981, 49.9687, 38.7567



41.6576, 49.9687, 75.9626

Rectangle

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



54.5207, 49.9687, 73.7892



57.0496, 49.9687, 50.9853



41.0981, 49.9687, 38.7567



39.0694, 49.9687, 57.9794

Sweetspot

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



54.5222, 49.9708, 73.7903



88.9028, 89.8715, 107.2690



48.9457, 50.5158, 74.1894



18.8910, 19.0103, 22.9236



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.



54.5222, 49.9708, 73.7903



73.6814, 65.3199, 103.3323



56.4705, 51.1199, 67.3436



13.2642, 13.0943, 16.4805



16.4810, 7.6205, 40.3407



1.1468, 0.5345, 2.6172

Inverse Universe

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



54.0145, 50.1375, 54.4102



72.9063, 65.6369, 70.9235



52.4131, 63.5908, 56.4156



13.1954, 13.1072, 14.2900



17.8039, 9.1226, 3.3474



1.1887, 0.6051, 0.4027

Previews

White Background



This preview shows how the XYZ color 54.5207, 49.9687, 73.7892 looks on a white background.

Color Contrast Check

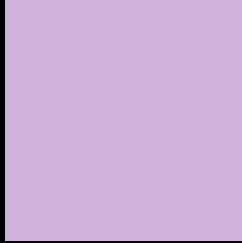
Large Text (above 18pt) WCAG AA × Fail

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 54.5207, 49.9687, 73.7892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

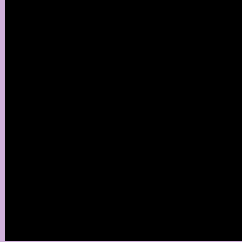
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5207, 49.9687, 73.7892

Background



This preview shows how black text looks on a background with the XYZ color 54.5207, 49.9687, 73.7892.



This preview shows how white text looks on a background with the XYZ color 54.5207, 49.9687,

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

54.5207, 49.9687, 73.7892

Protanopia

49.7399, 50.1378, 78.2901

Deuteranopia

51.0742, 50.0053, 73.2898



Tritanopia

51.2760, 49.8252, 58.5445

Trichromacy



Original Color

54.5207, 49.9687, 73.7892

Protanomaly

51.4880, 50.1418, 76.7767

Deuteranomaly

52.2047, 49.9800, 73.2253

Tritanomaly

52.3972, 49.9813, 64.0125

Monochromacy



Original Color

54.5207, 49.9687, 73.7892

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.1275, 51.2052, 62.4472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5207, 49.9687, 73.7892 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(208, 177, 219)` looks like.

```
.text, #text, p{  
    color:rgb(208, 177, 219)  
}
```

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(208, 177, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 177, 219) }
```

Border

The CSS property to change the border of an element to XYZ 54.5207, 49.9687, 73.7892 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(208, 177, 219) }
```


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

```
.border{ border-color:rgb(208, 177, 219) }
```

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

Here you see how a box with a 4 pixel rgb(208, 177, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 177, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 177, 219);  
box-shadow:4px 4px 4px 4px rgb(208, 177,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5207, 49.9687, 73.7892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 177, 219) }
```

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

```
.background{ background-color: rgb(208,  
177, 219) }
```

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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