

Converting Colors

XYZ(48.4993, 43.8290, 74.9055)

Have a look what the booklet for
XYZ(48.4993, 43.8290, 74.9055)
contains.

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Color

**XYZ(48.5593, 43.7528,
74.9930)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C0A6DE |
| RGB | 192, 166, 222 |
| RGB Percent | 75%, 65%, 87% |
| CMY | 0.2470, 0.3490, 0.1294 |
| CMYK | 0.14, 0.25, 0.00, 0.13 |
| HSL | 268°, 46%, 76% |
| HSV | 268°, 25%, 87% |
| XYZ | 48.5593, 43.7528, 74.9930 |
| YIQ | 180.1580, -2.4800, 22.9280 |

Conversions

Conversions Part 2

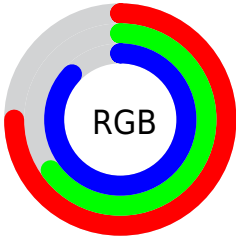
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 192, 166, 222 |
| Decimal | 12625630 |
| CIE _{Lab} | 72.06, 20.13, -24.79 |
| CIE _{LCh} | 72, 31.936, 309.077 |
| Yxy | 43.7528, 0.2902, 0.2615 |
| Android (android.graphics.Color) | 4290815710 (0xFFC0A6DE) |
| YUV | 180.1580, 20.6281, 10.3854 |
| Hunter-Lab | 66.1459, 15.2858, -20.9180 |

Details

The XYZ color **48.5593, 43.7528, 74.9930** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.7704, 66.7325, 46.0195**, and the grayscale version is **43.3621, 45.6203, 49.6805**.

A 20% lighter version of the original color is **82.9734, 79.0726, 105.4971**, and **23.4736, 20.2279, 39.2264** is the 20% darker color. If you saturate the color by 10%, you get **41.9764, 34.8776, 73.6276**, and if you desaturate by 10%, it is **56.0849, 54.1502, 76.6040**.

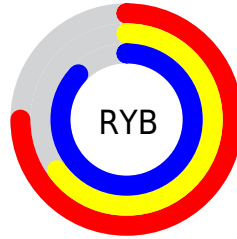
Distribution



Red (75%)

Green (65%)

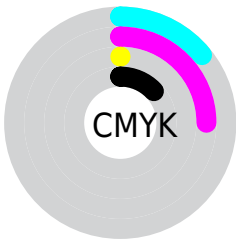
Blue (87%)



Red (75%)

Yellow (65%)

Blue (87%)

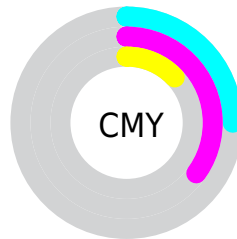


Cyan (14%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (25%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5593, 43.7528, 74.9930 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 48.5593, 43.7528, 74.9930 by changing the saturation by 10% instead.

48.5593, 43.7528,
74.9930

48.5593, 43.7528,
74.9930

371.5506,
361.6986, 497.1483

34.4831, 30.4762,
55.1055

87.2412, 80.8456,
128.0495

23.4296, 20.2003,
39.0870

112.5777,
105.4307, 162.0555

15.0335, 12.5408,
26.5191

142.3983,
134.5540, 201.6047

8.9294, 7.1131,
16.9831

177.0683,
168.6000, 247.1157

4.7519, 3.5329,
10.0606

216.9532,
207.9531, 299.0070

2.1357, 1.4159,
5.3330

262.4184,

0.7085, 0.2284,

252.9976, 357.6972

2.3818

313.8290,
304.1179, 423.6048

■ 0.0000, 0.0000,
0.7765

■ 0.0000, 0.0000,
0.0000

■ 48.5593, 43.7528,
74.9930

■ 48.5593, 43.7528,
74.9930

■ 41.9764, 34.8776,
73.6276

■ 56.0849, 54.1502,
76.6040

■ 36.2905, 27.4445,
72.4925

■ 64.5878, 66.1337,
78.4688

■ 31.4581, 21.3746,
71.5756

■ 74.1058, 79.7699,
80.5992

■ 27.4300, 16.5784,
70.8621

■ 84.6734, 95.1200,
83.0052

■ 24.1513, 12.9557,
70.3357

■ 88.8972, 97.3901,
83.2207

■ 21.5588, 10.3901,
69.9771

■ 90.1849, 98.0540,
83.2810

■ 19.5762, 8.7398,
69.7631

■ 18.7866, 8.1617,
69.6931

Harmonies

Analogous

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



43.2637, 43.7528, 83.9156



48.5593, 43.7528, 74.9930



52.1805, 43.7528, 59.2008

Triad

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



48.5593, 43.7528, 74.9930



45.4478, 43.7528, 24.7162



32.0582, 43.7528, 52.5409

Complementary

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



48.5593, 43.7528, 74.9930



55.7704, 66.7325, 46.0195

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.



32.5319, 43.7528, 37.6905



48.5593, 43.7528, 74.9930



39.9517, 43.7528, 23.6938

Square

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



48.5593, 43.7528, 74.9930



50.2777, 43.7528, 31.0916



35.3140, 43.7528, 27.9064



33.9581, 43.7528, 69.2119

Rectangle

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



48.5593, 43.7528, 74.9930



52.9882, 43.7528, 48.1252



35.3140, 43.7528, 27.9064



31.9489, 43.7528, 47.1568

Sweetspot

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



48.5607, 43.7546, 74.9940



84.9769, 85.6537, 106.6618



48.8330, 53.2242, 76.8074



17.8046, 17.7910, 22.7456



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.



48.5607, 43.7546, 74.9940



61.8068, 53.5589, 101.6881



56.0958, 47.6391, 75.3466



13.5539, 13.5536, 17.2894



11.2843, 4.9126, 41.4018



0.8847, 0.3934, 2.8745

Inverse Universe

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



53.7255, 46.7893, 58.4257



70.1099, 58.4401, 74.9362



49.3249, 63.4097, 45.7179



14.0127, 13.8227, 15.8369



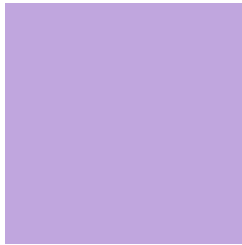
19.9252, 10.0371, 11.5380



1.4262, 0.7138, 1.0373

Previews

White Background



This preview shows how the XYZ color 48.5593, 43.7528, 74.9930 looks on a white background.

Color Contrast Check

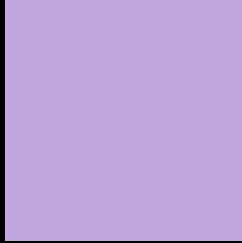
Large Text (above 18pt) WCAG AA × Fail

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 48.5593, 43.7528, 74.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

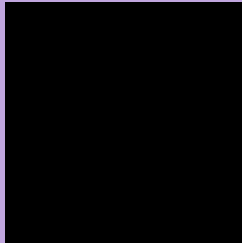
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5593, 43.7528, 74.9930

Background



This preview shows how black text looks on a background with the XYZ color 48.5593, 43.7528, 74.9930.



This preview shows how white text looks on a background with the XYZ color 48.5593, 43.7528,

74.9930.

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

48.5593, 43.7528, 74.9930

Protanopia

44.4378, 44.0479, 79.5588

Deuteranopia

44.7893, 43.7655, 74.4936



Tritanopia

44.0562, 43.8714, 52.6004

Trichromacy



Original Color

48.5593, 43.7528, 74.9930

Protanomaly

45.9355, 43.9947, 78.0223

Deuteranomaly

46.0163, 43.5536, 74.3880

Tritanomaly

45.4226, 43.5643, 60.0476

Monochromacy



Original Color

48.5593, 43.7528, 74.9930

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

44.9475, 44.7904, 57.9062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5593, 43.7528, 74.9930 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(192, 166, 222)` looks like.

```
.text, #text, p{  
    color:rgb(192, 166, 222)  
}
```

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(192, 166, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 166, 222) }
```

Border

The CSS property to change the border of an element to XYZ 48.5593, 43.7528, 74.9930 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(192, 166, 222) }
```


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

```
.border{ border-color:rgb(192, 166, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 166, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 166, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 166, 222);  
box-shadow:4px 4px 4px 4px rgb(192, 166,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5593, 43.7528, 74.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 166, 222) }
```

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

```
.background{ background-color: rgb(192,  
166, 222) }
```

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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