

Converting Colors

XYZ(49.1248, 42.9720, 52.8149)

Have a look what the booklet for
XYZ(49.1248, 42.9720, 52.8149)
contains.

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Color

**XYZ(48.9810, 42.8756,
52.7079)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A0BB
RGB	213, 160, 187
RGB Percent	84%, 63%, 73%
CMY	0.1647, 0.3725, 0.2667
CMYK	0.00, 0.25, 0.12, 0.16
HSL	329°, 39%, 73%
HSV	329°, 25%, 84%
XYZ	48.9810, 42.8756, 52.7079
YIQ	178.9250, 22.9210, 19.6330

Conversions

Conversions Part 2

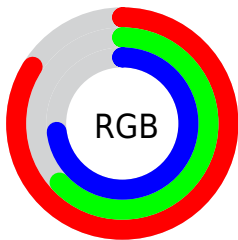
Format	Color
R _Y B	213, 160, 187
Decimal	14000315
CIE Lab	71.47, 23.84, -6.23
CIE LCh	71, 24.638, 345.363
Yxy	42.8756, 0.3388, 0.2966
Android (android.graphics.Color)	4292190395 (0xFFD5A0BB)
YUV	178.9250, 3.9810, 29.8838
Hunter-Lab	65.4795, 18.9354, -1.8900

Details

The XYZ color **48.9810, 42.8756, 52.7079** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.1561, 58.6084, 55.2843**, and the grayscale version is **42.7798, 45.0076, 49.0133**.

A 20% lighter version of the original color is **81.7181, 76.3319, 95.2205**, and **23.7662, 19.7155, 25.1071** is the 20% darker color. If you saturate the color by 10%, you get **44.5219, 35.6826, 45.9016**, and if you desaturate by 10%, it is **54.1566, 51.3702, 60.1557**.

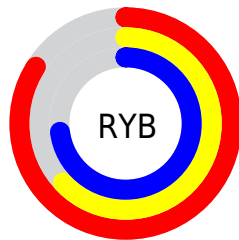
Distribution



Red (84%)

Green (63%)

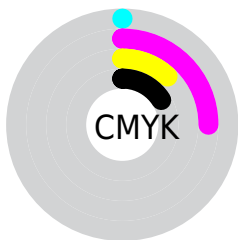
Blue (73%)



Red (84%)

Yellow (63%)

Blue (73%)

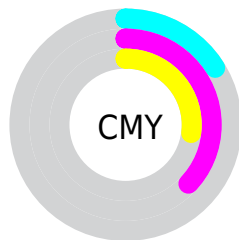


Cyan (0%)

Magenta (25%)

Yellow (12%)

Black (16%)



Cyan (16%)


Magenta (37%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9810, 42.8756, 52.7079 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 48.9810, 42.8756, 52.7079 by changing the saturation by 10% instead.


 48.9810, 42.8756,
52.7079


 48.9810, 42.8756,
52.7079


373.1857,
358.0999, 414.1979

 34.8189, 29.7875,
37.1835


 87.8641, 79.5231,
95.6116

 23.6893, 19.6774,
25.0527


 113.3158,
103.8513, 123.8280

 15.2268, 12.1607,
15.8970


143.2615,
132.6950, 157.1121

 9.0660, 6.8532,
9.2977

178.0664,
166.4386, 195.8825

 4.8417, 3.3705,
4.8364

218.0959,
205.4665, 240.5578

 2.1885, 1.3281,
2.0945

263.7154,

 0.7367, 0.1628,

250.1631, 291.5564

0.6125

315.2902,
300.9128, 349.2969

■ 0.0000, 0.0000,
0.0000

■ 48.9810, 42.8756,
52.7079

■ 48.9810, 42.8756,
52.7079

■ 44.5219, 35.6826,
45.9016

■ 54.1566, 51.3702,
60.1557

■ 40.7416, 29.7203,
39.7144

■ 60.0766, 61.2211,
68.2610

■ 37.6045, 24.9196,
34.1259

■ 66.7719, 72.4870,
77.0426

■ 35.0700, 21.2025,
29.1137

■ 74.2704, 85.2214,
86.5177

■ 33.0927, 18.4810,
24.6531

■ 78.8178, 91.9131,
95.4423

■ 31.6200, 16.6532,
20.7168

■ 80.4091, 92.5496,
103.8221

■ 30.5882, 15.5949,
17.2733

■ 81.2508, 92.8863,
108.2542

■ 30.1744, 15.2397,
15.6790

Harmonies

Analogous

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



46.7054, 42.8756, 64.6763



48.9810, 42.8756, 52.7079



48.9514, 42.8756, 40.8809

Triad

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



48.9810, 42.8756, 52.7079



38.6718, 42.8756, 27.9144



35.3924, 42.8756, 64.9316

Complementary

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



48.9810, 42.8756, 52.7079



47.1561, 58.6084, 55.2843

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.



33.5235, 42.8756, 53.0124



48.9810, 42.8756, 52.7079



35.3273, 42.8756, 32.3828

Square

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



48.9810, 42.8756, 52.7079



42.8043, 42.8756, 27.8611



33.5004, 42.8756, 41.1379



38.7663, 42.8756, 72.5061

Rectangle

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



48.9810, 42.8756, 52.7079



47.6206, 42.8756, 34.6545



33.5004, 42.8756, 41.1379



34.5778, 42.8756, 61.2182

Sweetspot

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



48.9822, 42.8775, 52.7088



88.2395, 88.5840, 99.8319



44.7395, 40.3391, 68.3795



18.7670, 18.7606, 21.2059



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.



48.9822, 42.8775, 52.7088



69.8455, 58.3343, 73.5442



46.4357, 41.8589, 39.2988



12.6846, 12.5253, 14.2794



18.4835, 9.3297, 9.8500



1.1566, 0.5794, 0.8141

Inverse Universe

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



48.9822, 42.8775, 52.7088



69.8455, 58.3343, 73.5442



50.1912, 59.8224, 71.2667



12.6846, 12.5253, 14.2794



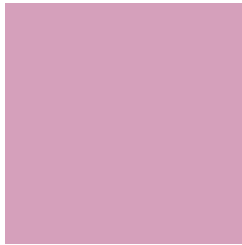
18.4835, 9.3297, 9.8500



1.1566, 0.5794, 0.8141

Previews

White Background



This preview shows how the XYZ color 48.9810, 42.8756, 52.7079 looks on a white background.

Color Contrast Check

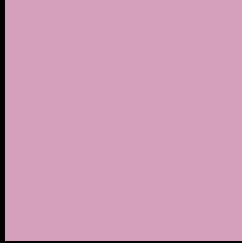
Large Text (above 18pt) WCAG AA × Fail

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 48.9810, 42.8756, 52.7079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

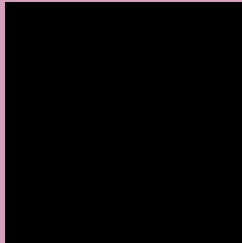
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9810, 42.8756, 52.7079

Background



This preview shows how black text looks on a background with the XYZ color 48.9810, 42.8756, 52.7079.



This preview shows how white text looks on a background with the XYZ color 48.9810, 42.8756,

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

48.9810, 42.8756, 52.7079

Protanopia

42.1131, 43.0283, 58.3102

Deuteranopia

43.8707, 42.9436, 51.8756



Tritanopia

47.5222, 42.7847, 46.3110

Trichromacy



Original Color

48.9810, 42.8756, 52.7079

Protanomaly

44.3071, 42.7910, 56.3763

Deuteranomaly

45.5251, 42.6879, 52.2945

Tritanomaly

48.0329, 42.7415, 48.3661

Monochromacy



Original Color

48.9810, 42.8756, 52.7079

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.6819, 43.9588, 50.3859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9810, 42.8756, 52.7079 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(213, 160, 187)` looks like.

```
.text, #text, p{  
    color:rgb(213, 160, 187)  
}
```

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(213, 160, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 160, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.9810, 42.8756, 52.7079 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(213, 160, 187) }
```


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

```
.border{ border-color:rgb(213, 160, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 160, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 160, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 160, 187);  
box-shadow:4px 4px 4px 4px rgb(213, 160,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9810, 42.8756, 52.7079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 160, 187) }
```

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

```
.background{ background-color: rgb(213,  
160, 187) }
```

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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