

Converting Colors

XYZ(49.9707, 43.7572, 58.3529)

Have a look what the booklet for
XYZ(49.9707, 43.7572, 58.3529)
contains.

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Color

**XYZ(50.1498, 43.8689,
58.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A2C5
RGB	212, 162, 197
RGB Percent	83%, 64%, 77%
CMY	0.1686, 0.3647, 0.2274
CMYK	0.00, 0.24, 0.07, 0.17
HSL	318°, 37%, 73%
HSV	318°, 24%, 83%
XYZ	50.1498, 43.8689, 58.6477
YIQ	180.9400, 18.5650, 21.4850

Conversions

Conversions Part 2

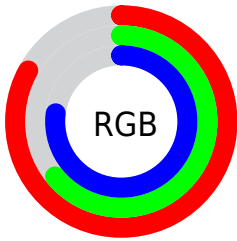
Format	Color
R _Y B	212, 162, 197
Decimal	13935301
CIE Lab	72.14, 24.11, -10.76
CIE LCh	72, 26.405, 335.951
Yxy	43.8689, 0.3285, 0.2874
Android (android.graphics.Color)	4292125381 (0xFFD4A2C5)
YUV	180.9400, 7.9176, 27.2396
Hunter-Lab	66.2336, 19.2452, -6.1358

Details

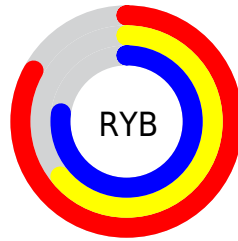
The XYZ color **50.1498, 43.8689, 58.6477** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.3814, 57.9440, 50.3374**, and the grayscale version is **43.8412, 46.1243, 50.2294**.

A 20% lighter version of the original color is **83.9422, 78.0415, 104.4052**, and **24.4385, 20.3031, 28.6174** is the 20% darker color. If you saturate the color by 10%, you get **46.0123, 36.7352, 53.7485**, and if you desaturate by 10%, it is **54.9502, 52.2779, 63.9206**.

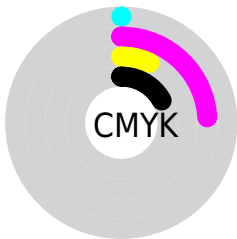
Distribution



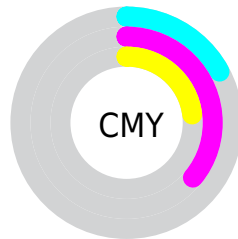
- Red (83%)
- Green (64%)
- Blue (77%)



- Red (83%)
- Yellow (64%)
- Blue (77%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (17%)





- Cyan (17%)
- Magenta (36%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1498, 43.8689, 58.6477 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 50.1498, 43.8689, 58.6477 by changing the saturation by 10% instead.


 50.1498, 43.8689,
58.6477


 50.1498, 43.8689,
58.6477


377.6938,
362.1730, 437.2606

 35.7507, 30.5675,
41.9114

 89.5873, 81.0204,
104.3895

 24.4110, 20.2697,
28.7069


 115.3564,
105.6393, 134.2322

 15.7651, 12.5912,
18.6155


145.6462,
134.7995, 169.2807

 9.4479, 7.1477,
11.2188

180.8222,
168.8853, 209.9537

 5.0939, 3.5546,
6.0982

221.2495,
208.2811, 256.6696

 2.3378, 1.4277,
2.8351

267.2937,

 0.8139, 0.2370,

253.3715, 309.8471

1.0111

319.3200,
304.5406, 369.9045

■ 0.0000, 0.0000,
0.0000

■ 50.1498, 43.8689,
58.6477

■ 50.1498, 43.8689,
58.6477

■ 46.0123, 36.7352,
53.7485

■ 54.9502, 52.2779,
63.9206

■ 42.5019, 30.8077,
49.2077

■ 60.4393, 62.0151,
69.5761

■ 39.5852, 26.0196,
45.0129

■ 66.6463, 73.1376,
75.6263

■ 37.2240, 22.2953,
41.1493

■ 73.5974, 85.6975,
82.0815

■ 35.3757, 19.5498,
37.6009

■ 77.0273, 91.1635,
87.5219

■ 33.9910, 17.6854,
34.3491

■ 77.9310, 91.5249,
92.2807

■ 33.0102, 16.5834,
31.3720

■ 78.8675, 91.8996,
97.2127

■ 32.5284, 16.1479,
29.5837

■ 79.8373, 92.2875,
102.3195

■ 80.8407, 92.6888,
107.6030

Harmonies

Analogous

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



47.0113, 43.8689, 70.8895



50.1498, 43.8689, 58.6477



50.9546, 43.8689, 45.2305

Triad

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



50.1498, 43.8689, 58.6477



40.8012, 43.8689, 27.0347



35.0468, 43.8689, 63.9254

Complementary

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



50.1498, 43.8689, 58.6477



46.3814, 57.9440, 50.3374

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.



33.6331, 43.8689, 50.3940



50.1498, 43.8689, 58.6477



36.7974, 43.8689, 30.3121

Square

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



50.1498, 43.8689, 58.6477



45.3402, 43.8689, 28.4455



34.2501, 43.8689, 38.3207



38.2526, 43.8689, 74.3015

Rectangle

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



50.1498, 43.8689, 58.6477



50.0120, 43.8689, 37.6776



34.2501, 43.8689, 38.3207



34.3572, 43.8689, 59.5109

Sweetspot

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



50.1511, 43.8709, 58.6486



88.7673, 88.7951, 102.6111



42.9373, 39.9434, 67.7351



18.8893, 18.8095, 21.8499



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.



50.1511, 43.8709, 58.6486



73.0882, 61.2913, 85.5027



47.5197, 42.8183, 44.7920



12.7869, 12.5663, 14.8181



20.1273, 9.9872, 18.5062



1.2498, 0.6167, 1.3046

Inverse Universe

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



50.1511, 43.8709, 58.6486



73.0882, 61.2913, 85.5027



49.1060, 59.0339, 64.6849



12.7869, 12.5663, 14.8181



20.1273, 9.9872, 18.5062



1.2498, 0.6167, 1.3046

Previews

White Background



This preview shows how the XYZ color 50.1498, 43.8689, 58.6477 looks on a white background.

Color Contrast Check

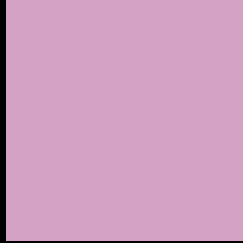
Large Text (above 18pt) WCAG AA × Fail

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 50.1498, 43.8689, 58.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

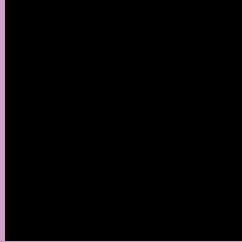
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1498, 43.8689, 58.6477

Background



This preview shows how black text looks on a background with the XYZ color 50.1498, 43.8689, 58.6477.



This preview shows how white text looks on a background with the XYZ color 50.1498, 43.8689,

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

50.1498, 43.8689, 58.6477

Protanopia

43.6792, 44.2776, 64.6368

Deuteranopia

44.8526, 43.8843, 57.7363



Tritanopia

48.0694, 43.8263, 48.0453

Trichromacy



Original Color

50.1498, 43.8689, 58.6477

Protanomaly

45.8359, 44.0024, 62.5774

Deuteranomaly

46.4721, 43.5929, 58.1895

Tritanomaly

48.8964, 43.9026, 51.7959

Monochromacy



Original Color

50.1498, 43.8689, 58.6477

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.8439, 45.0664, 53.2962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1498, 43.8689, 58.6477 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(212, 162, 197)` looks like.

```
.text, #text, p{  
    color:rgb(212, 162, 197)  
}
```

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(212, 162, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 162, 197) }
```

Border

The CSS property to change the border of an element to XYZ 50.1498, 43.8689, 58.6477 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(212, 162, 197) }
```


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

```
.border{ border-color:rgb(212, 162, 197) }
```

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

Here you see how a box with a 4 pixel rgb(212, 162, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 162, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 162, 197);  
box-shadow:4px 4px 4px 4px rgb(212, 162,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1498, 43.8689, 58.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 162, 197) }
```

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

```
.background{ background-color: rgb(212,  
162, 197) }
```

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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