

Converting Colors

XYZ(49.6622, 43.8890, 59.4467)

Have a look what the booklet for
XYZ(49.6622, 43.8890, 59.4467)
contains.

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Color

**XYZ(49.5847, 43.8269,
59.2721)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A3C6
RGB	209, 163, 198
RGB Percent	82%, 64%, 78%
CMY	0.1804, 0.3608, 0.2235
CMYK	0.00, 0.22, 0.05, 0.18
HSL	314°, 33%, 73%
HSV	314°, 22%, 82%
XYZ	49.5847, 43.8269, 59.2721
YIQ	180.7440, 16.1810, 20.6370

Conversions

Conversions Part 2

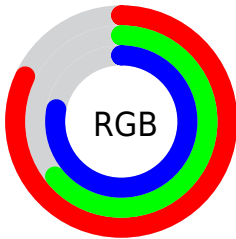
Format	Color
R _Y B	209, 163, 198
Decimal	13738950
CIE Lab	72.11, 22.71, -11.38
CIE LCh	72, 25.404, 333.377
Yxy	43.8269, 0.3248, 0.2870
Android (android.graphics.Color)	4291929030 (0xFFD1A3C6)
YUV	180.7440, 8.5072, 24.7805
Hunter-Lab	66.2019, 17.8418, -6.7424

Details

The XYZ color **49.5847, 43.8269, 59.2721** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.5464, 56.4447, 48.5413**, and the grayscale version is **43.7333, 46.0108, 50.1058**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **24.0449, 20.2525, 29.0274** is the 20% darker color. If you saturate the color by 10%, you get **45.6093, 36.7830, 55.1496**, and if you desaturate by 10%, it is **54.1950, 52.1087, 63.7011**.

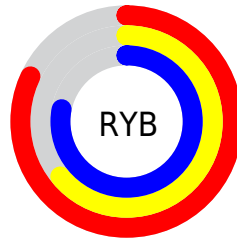
Distribution



Red (82%)

Green (64%)

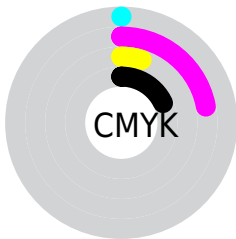
Blue (78%)



Red (82%)

Yellow (64%)

Blue (78%)

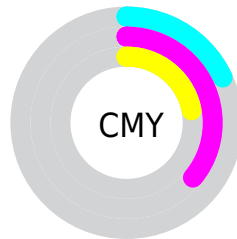


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (18%)



Cyan (18%)

Magenta (36%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5847, 43.8269, 59.2721 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 49.5847, 43.8269, 59.2721 by changing the saturation by 10% instead.


 49.5847, 43.8269,
59.2721


 49.5847, 43.8269,
59.2721


375.5185,
362.0014, 439.6395

 35.3000, 30.5344,
42.4107


 88.7548, 80.9572,
105.3060

 24.0616, 20.2446,
29.0951

 114.3708,
105.5639, 135.3157

 15.5043, 12.5730,
18.9066


144.4946,
134.7107, 170.5452

 9.2627, 7.1352,
11.4267

179.4917,
168.7821, 211.4131

 4.9714, 3.5468,
6.2368

219.7272,
208.1625, 258.3380

 2.2651, 1.4234,
2.9185

265.5666,

 0.7767, 0.2339,

253.2362, 311.7383

1.0532

317.3753,
304.3878, 372.0326

■ 0.0000, 0.0000,
0.0000

■ 49.5847, 43.8269,
59.2721

■ 49.5847, 43.8269,
59.2721

■ 45.6093, 36.7830,
55.1496

■ 54.1950, 52.1087,
63.7011

■ 42.2346, 30.9110,
51.3199

■ 59.4644, 61.6788,
68.4440

■ 39.4291, 26.1475,
47.7719

■ 65.4208, 72.5919,
73.5116

■ 37.1567, 22.4206,
44.4929

■ 72.0891, 84.8975,
78.9130

■ 35.3772, 19.6502,
41.4683

■ 75.3730, 90.4028,
83.2836

■ 34.0443, 17.7441,
38.6819

■ 76.0571, 90.6764,
86.8857

■ 33.1027, 16.5921,
36.1143

■ 76.7612, 90.9580,
90.5935

■ 32.5544, 16.0593,
34.1931

■ 77.4855, 91.2478,
94.4078

■ 78.2303, 91.5457,
98.3295

Harmonies

Analogous

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



46.4261, 43.8269, 70.6332



49.5847, 43.8269, 59.2721



50.5703, 43.8269, 46.3239

Triad

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



49.5847, 43.8269, 59.2721



41.1658, 43.8269, 27.5892



35.0583, 43.8269, 62.1390

Complementary

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



49.5847, 43.8269, 59.2721



45.5464, 56.4447, 48.5413

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.



33.8564, 43.8269, 49.1440



49.5847, 43.8269, 59.2721



37.2246, 43.8269, 30.3903

Square

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



49.5847, 43.8269, 59.2721



45.5155, 43.8269, 29.3585



34.6213, 43.8269, 37.7758



38.0214, 43.8269, 72.4804

Rectangle

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



49.5847, 43.8269, 59.2721



49.8099, 43.8269, 38.8377



34.6213, 43.8269, 37.7758



34.4447, 43.8269, 57.8629

Sweetspot

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



49.5860, 43.8288, 59.2730



88.9379, 88.8634, 103.5096



42.0039, 39.7681, 65.7844



18.9289, 18.8253, 22.0584



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.



49.5860, 43.8288, 59.2730



74.9744, 63.7668, 90.1298



47.1573, 42.8574, 46.4837



12.1849, 11.9587, 14.2493



20.1120, 9.9177, 21.2939



1.1544, 0.5665, 1.3478

Inverse Universe

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



49.5860, 43.8288, 59.2730



74.9744, 63.7668, 90.1298



47.9537, 57.4076, 61.2178



12.1849, 11.9587, 14.2493



20.1120, 9.9177, 21.2939



1.1544, 0.5665, 1.3478

Previews

White Background



This preview shows how the XYZ color 49.5847, 43.8269, 59.2721 looks on a white background.

Color Contrast Check

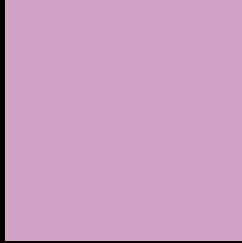
Large Text (above 18pt) WCAG AA × Fail

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 49.5847, 43.8269, 59.2721 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 49.5847, 43.8269, 59.2721

Background



This preview shows how black text looks on a background with the XYZ color 49.5847, 43.8269, 59.2721.



This preview shows how white text looks on a background with the XYZ color 49.5847, 43.8269,

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

49.5847, 43.8269, 59.2721

Protanopia

43.4605, 44.1648, 64.6266

Deuteranopia

44.7239, 43.8049, 58.3225



Tritanopia

47.2265, 43.6489, 48.5838

Trichromacy



Original Color

49.5847, 43.8269, 59.2721

Protanomaly

45.3500, 43.7519, 62.5547

Deuteranomaly

46.5141, 43.8765, 58.8408

Tritanomaly

48.0502, 43.7208, 52.3608

Monochromacy



Original Color

49.5847, 43.8269, 59.2721

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.5915, 44.9363, 53.2844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5847, 43.8269, 59.2721 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(209, 163, 198)` looks like.

```
.text, #text, p{  
    color:rgb(209, 163, 198)  
}
```

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(209, 163, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 163, 198) }
```

Border

The CSS property to change the border of an element to XYZ 49.5847, 43.8269, 59.2721 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(209, 163, 198) }
```


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

```
.border{ border-color:rgb(209, 163, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 163, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 163, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 163, 198);  
box-shadow:4px 4px 4px 4px rgb(209, 163,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5847, 43.8269, 59.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 163, 198) }
```

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

```
.background{ background-color: rgb(209,  
163, 198) }
```

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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