

Converting Colors

XYZ(58.2687, 49.8899, 73.7321)

Have a look what the booklet for
XYZ(58.2687, 49.8899, 73.7321)
contains.

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Color

**XYZ(58.2122, 49.8715,
73.5759)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AADB
RGB	225, 170, 219
RGB Percent	88%, 67%, 86%
CMY	0.1176, 0.3333, 0.1412
CMYK	0.00, 0.24, 0.03, 0.12
HSL	307°, 48%, 77%
HSV	307°, 24%, 88%
XYZ	58.2122, 49.8715, 73.5759
YIQ	192.0310, 17.0510, 26.8990

Conversions

Conversions Part 2

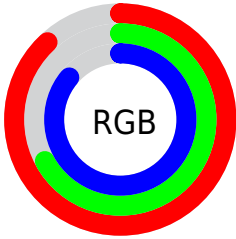
Format	Color
R _Y B	225, 170, 219
Decimal	14789339
CIE Lab	75.99, 28.10, -16.90
CIE LCh	76, 32.795, 328.980
Yxy	49.8715, 0.3204, 0.2745
Android (android.graphics.Color)	4292979419 (0xFFE1AADB)
YUV	192.0310, 13.2957, 28.9138
Hunter-Lab	70.6198, 23.5538, -12.3381

Details

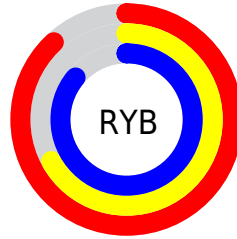
The XYZ color **58.2122, 49.8715, 73.5759** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.3412, 65.5325, 51.0201**, and the grayscale version is **50.0402, 52.6462, 57.3317**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **29.4243, 23.8379, 38.1723** is the 20% darker color. If you saturate the color by 10%, you get **54.0296, 42.0188, 70.5994**, and if you desaturate by 10%, it is **63.1245, 59.1741, 76.8202**.

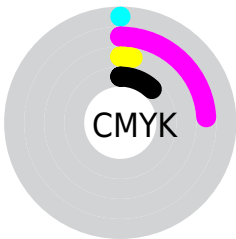
Distribution



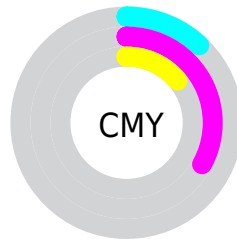
- Red (88%)
- Green (67%)
- Blue (86%)



- Red (88%)
- Yellow (67%)
- Blue (86%)



- Cyan (0%)
- Magenta (24%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2122, 49.8715, 73.5759 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 58.2122, 49.8715, 73.5759 by changing the saturation by 10% instead.

■ 58.2122, 49.8715,
73.5759

■ 58.2122, 49.8715,
73.5759

407.9173,
386.1632, 492.1326

■ 42.2232, 35.3113,
53.9523

■ 101.3530, 89.9845,
126.0229

■ 29.4680, 23.9028,
38.1706

129.2355,
116.3060, 159.6834

■ 19.5812, 15.2615,
25.8123

161.8132,
147.3168, 198.8600

■ 12.1975, 9.0031,
16.4588

199.4515,
183.4012, 243.9712

■ 6.9515, 4.7432,
9.6915

242.5157,
224.9437, 295.4355

■ 3.4778, 2.0974,
5.0920

291.3711,

■ 1.4112, 0.6632,

272.3286, 353.6714

2.2416

346.3832,
325.9403, 419.0976

■ 0.2642, 0.0000,
0.6982

■ 0.0000, 0.0000,
0.0000

■ 58.2122, 49.8715,
73.5759

■ 58.2122, 49.8715,
73.5759

■ 54.0296, 42.0188,
70.5994

■ 63.1245, 59.1741,
76.8202

■ 50.5352, 35.5360,
67.8753

■ 68.7959, 69.9884,
80.3406

■ 47.6907, 30.3452,
65.3911

■ 75.2601, 82.3804,
84.1490

■ 45.4519, 26.3582,
63.1319

■ 80.9294, 93.1748,
87.7162

43.7690, 23.4758,
61.0812

81.2743, 93.3128,
89.5325

42.5847, 21.5828,
59.2197

81.6241, 93.4527,
91.3745

41.8285, 20.5387,
57.5238

81.9788, 93.5946,
93.2422

41.5301, 20.1991,
56.6319

82.3384, 93.7384,
95.1357

82.7029, 93.8842,
97.0552

Harmonies

Analogous

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



53.3313, 49.8715, 89.4197



58.2122, 49.8715, 73.5759



60.1604, 49.8715, 54.9035

Triad

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



58.2122, 49.8715, 73.5759



47.6111, 49.8715, 27.1056



37.8389, 49.8715, 72.3113

Complementary

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



58.2122, 49.8715, 73.5759



51.3412, 65.5325, 51.0201

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.



36.5873, 49.8715, 53.7040



58.2122, 49.8715, 73.5759



41.9282, 49.8715, 29.8435

Square

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



58.2122, 49.8715, 73.5759



53.7246, 49.8715, 30.2477



38.0194, 49.8715, 38.7267



41.5948, 49.8715, 88.5860

Rectangle

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



58.2122, 49.8715, 73.5759



59.4161, 49.8715, 44.0665



38.0194, 49.8715, 38.7267



37.1264, 49.8715, 66.0102

Sweetspot

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



58.2137, 49.8737, 73.5770



89.3056, 89.0105, 105.4462



45.7592, 43.3602, 77.1925



19.0143, 18.8595, 22.5080



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.



58.2137, 49.8737, 73.5770



74.5521, 61.0393, 95.7932



54.9422, 48.5651, 56.3495



14.2272, 13.9085, 16.9667



23.9580, 11.6502, 32.7742



1.6793, 0.8150, 2.3701

Inverse Universe

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



58.2137, 49.8737, 73.5770



74.5521, 61.0393, 95.7932



54.2840, 66.7096, 66.5168



14.2272, 13.9085, 16.9667



23.9580, 11.6502, 32.7742



1.6793, 0.8150, 2.3701

Previews

White Background



This preview shows how the XYZ color 58.2122, 49.8715, 73.5759 looks on a white background.

Color Contrast Check

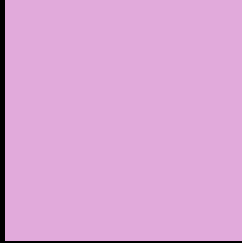
Large Text (above 18pt) WCAG AA × Fail

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 58.2122, 49.8715, 73.5759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

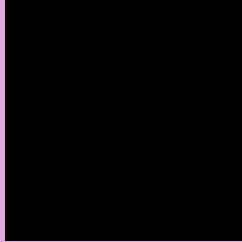
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2122, 49.8715, 73.5759

Background



This preview shows how black text looks on a background with the XYZ color 58.2122, 49.8715, 73.5759.



This preview shows how white text looks on a background with the XYZ color 58.2122, 49.8715,

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

58.2122, 49.8715, 73.5759

Protanopia

50.2019, 50.2960, 81.9251

Deuteranopia

51.1961, 50.0832, 72.6143



Tritanopia

54.3341, 49.7062, 54.8747

Trichromacy



Original Color

58.2122, 49.8715, 73.5759



Protanomaly

52.5544, 49.7356, 78.7815



Deuteranomaly

53.4771, 49.7401, 73.1119



Tritanomaly

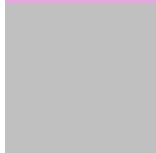
55.4931, 49.5869, 61.2900

Monochromacy



Original Color

58.2122, 49.8715, 73.5759



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

52.7030, 51.3826, 63.0172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2122, 49.8715, 73.5759 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(225, 170, 219)` looks like.

```
.text, #text, p{  
    color:rgb(225, 170, 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(225, 170, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 170, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.2122, 49.8715, 73.5759 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(225, 170, 219) }
```


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

```
.border{ border-color:rgb(225, 170, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 170, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 170, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 170, 219);  
box-shadow:4px 4px 4px 4px rgb(225, 170,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2122, 49.8715, 73.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 170, 219) }
```

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

```
.background{ background-color: rgb(225,  
170, 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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