

Converting Colors

XYZ(55.6903, 49.3260, 72.3844)

Have a look what the booklet for
XYZ(55.6903, 49.3260, 72.3844)
contains.

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Color

**XYZ(55.7869, 49.4958,
72.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	D8ADD9
RGB	216, 173, 217
RGB Percent	85%, 68%, 85%
CMY	0.1529, 0.3216, 0.1490
CMYK	0.00, 0.20, 0.00, 0.15
HSL	299°, 37%, 76%
HSV	299°, 20%, 85%
XYZ	55.7869, 49.4958, 72.2590
YIQ	190.8730, 11.5040, 22.8000

Conversions

Conversions Part 2

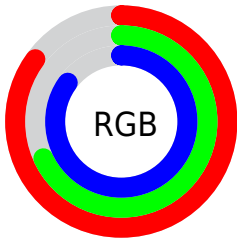
Format	Color
R _Y B	216, 173, 217
Decimal	14200281
CIE Lab	75.76, 23.12, -16.25
CIE LCh	76, 28.259, 324.907
Yxy	49.4958, 0.3142, 0.2788
Android (android.graphics.Color)	4292390361 (0xFFD8ADD9)
YUV	190.8730, 12.8806, 22.0364
Hunter-Lab	70.3533, 18.4241, -11.6488

Details

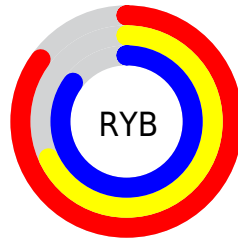
The XYZ color **55.7869, 49.4958, 72.2590** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8129, 61.6427, 48.8104**, and the grayscale version is **49.3720, 51.9432, 56.5662**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **27.9360, 23.6186, 37.2689** is the 20% darker color. If you saturate the color by 10%, you get **51.8142, 41.7654, 70.9770**, and if you desaturate by 10%, it is **60.4388, 58.5823, 73.7684**.

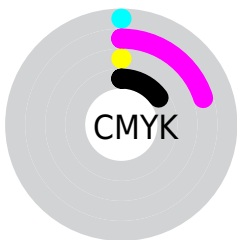
Distribution



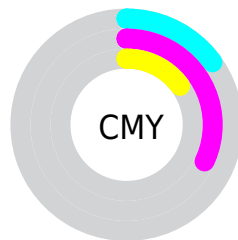
- Red (85%)
- Green (68%)
- Blue (85%)



- Red (85%)
- Yellow (68%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7869, 49.4958, 72.2590 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 55.7869, 49.4958, 72.2590 by changing the saturation by 10% instead.

■ 55.7869, 49.4958,
72.2590

■ 55.7869, 49.4958,
72.2590

398.9760,
384.6909, 487.4443

■ 40.2684, 35.0129,
52.8821

■ 97.8346, 89.4274,
124.1358

■ 27.9330, 23.6728,
37.3216

125.0944,
115.6449, 157.4729

■ 18.4154, 15.0911,
25.1589

156.9988,
146.5427, 196.3004

■ 11.3501, 8.8834,
15.9754

193.9131,
182.5053, 241.0370

■ 6.3719, 4.6652,
9.3526

236.2026,
223.9170, 292.1011

■ 3.1153, 2.0522,
4.8719

284.2327,

■ 1.2150, 0.6375,

271.1623, 349.9114

2.1149

338.3687,
324.6254, 414.8863

■ 0.1182, 0.0000,
0.6246

■ 0.0000, 0.0000,
0.0000

■ 55.7869, 49.4958,
72.2590

■ 55.7869, 49.4958,
72.2590

■ 51.8142, 41.7654,
70.9770

■ 60.4388, 58.5823,
73.7684

■ 48.4836, 35.3195,
69.9084

■ 65.7958, 69.0791,
75.5122

■ 45.7614, 30.0897,
69.0424

■ 71.8880, 81.0455,
77.5008

■ 43.6090, 25.9987,
68.3662

■ 77.1900, 91.4311,
79.2260

41.9831, 22.9603,
67.8654

77.3376, 91.5072,
79.2329

40.8347, 20.8761,
67.5236

77.4857, 91.5836,
79.2398

40.1052, 19.6291,
67.3214

77.6342, 91.6601,
79.2468

39.6966, 19.0175,
67.2249

77.7831, 91.7369,
79.2538

77.9325, 91.8139,
79.2607

Harmonies

Analogous

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



51.4201, 49.4958, 84.5590



55.7869, 49.4958, 72.2590



57.8202, 49.4958, 56.4972

Triad

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



55.7869, 49.4958, 72.2590



47.9452, 49.4958, 29.9413



38.4781, 49.4958, 66.9929

Complementary

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



55.7869, 49.4958, 72.2590



49.8129, 61.6427, 48.8104

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.



37.6980, 49.4958, 51.3692



55.7869, 49.4958, 72.2590



42.9240, 49.4958, 31.7134

Square

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



55.7869, 49.4958, 72.2590



53.0830, 49.4958, 33.5480



39.2664, 49.4958, 38.9361



41.4818, 49.4958, 81.1442

Rectangle

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



55.7869, 49.4958, 72.2590



57.4771, 49.4958, 46.7994



39.2664, 49.4958, 38.9361



37.9570, 49.4958, 61.6684

Sweetspot

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



55.7884, 49.4980, 72.2601



90.2341, 90.5578, 107.3313



44.9864, 44.3491, 71.8356



19.2065, 19.1730, 22.9384



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.



55.7884, 49.4980, 72.2601



78.0277, 66.7119, 103.3719



53.5774, 48.6478, 59.0713



13.5836, 13.2590, 16.4954



24.0429, 11.5188, 40.6945



1.5671, 0.7511, 2.6368

Inverse Universe

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



51.2004, 47.6970, 46.5544



70.3591, 63.7033, 60.3302



51.7334, 62.3853, 60.0813



13.0680, 13.0563, 13.6192



17.3438, 8.9385, 0.9243



1.1279, 0.5808, 0.0826

Previews

White Background



This preview shows how the XYZ color 55.7869, 49.4958, 72.2590 looks on a white background.

Color Contrast Check

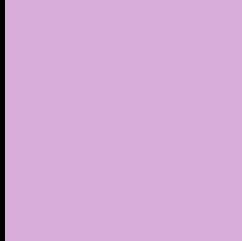
Large Text (above 18pt) WCAG AA × Fail

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 55.7869, 49.4958, 72.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

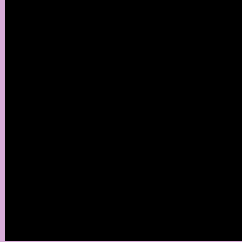
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7869, 49.4958, 72.2590

Background



This preview shows how black text looks on a background with the XYZ color 55.7869, 49.4958, 72.2590.



This preview shows how white text looks on a background with the XYZ color 55.7869, 49.4958,

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

55.7869, 49.4958, 72.2590

Protanopia

49.2997, 49.5991, 78.2094

Deuteranopia

50.7319, 49.5687, 71.1838



Tritanopia

52.4757, 49.5994, 56.0981

Trichromacy



Original Color

55.7869, 49.4958, 72.2590

Protanomaly

51.4469, 49.5281, 75.9556

Deuteranomaly

52.6022, 49.6156, 71.7701

Tritanomaly

53.3912, 49.3669, 61.3583

Monochromacy



Original Color

55.7869, 49.4958, 72.2590

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.3852, 50.7305, 61.7272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7869, 49.4958, 72.2590 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(216, 173, 217)` looks like.

```
.text, #text, p{  
    color:rgb(216, 173, 217)  
}
```

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(216, 173, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 173, 217) }
```

Border

The CSS property to change the border of an element to XYZ 55.7869, 49.4958, 72.2590 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(216, 173, 217) }
```


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

```
.border{ border-color:rgb(216, 173, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 173, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 173, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 173, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 173,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7869, 49.4958, 72.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 173, 217) }
```

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

```
.background{ background-color: rgb(216,  
173, 217) }
```

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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