

Converting Colors

XYZ(56.6562, 48.7207, 71.7428)

Have a look what the booklet for
XYZ(56.6562, 48.7207, 71.7428)
contains.

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Color

**XYZ(56.8366, 48.9153,
72.0916)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA9D9
RGB	222, 169, 217
RGB Percent	87%, 66%, 85%
CMY	0.1294, 0.3372, 0.1490
CMYK	0.00, 0.24, 0.02, 0.13
HSL	306°, 45%, 77%
HSV	306°, 24%, 87%
XYZ	56.8366, 48.9153, 72.0916
YIQ	190.3190, 16.1800, 26.1640

Conversions

Conversions Part 2

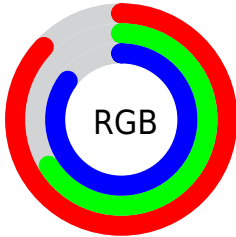
Format	Color
R _Y B	222, 169, 217
Decimal	14592473
CIE Lab	75.40, 27.28, -16.73
CIE LCh	75, 32.006, 328.480
Yxy	48.9153, 0.3196, 0.2750
Android (android.graphics.Color)	4292782553 (0xFFDEA9D9)
YUV	190.3190, 13.1537, 27.7842
Hunter-Lab	69.9395, 22.6647, -12.1568

Details

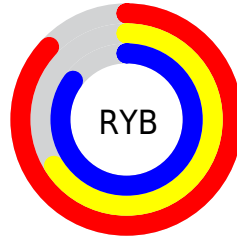
The XYZ color **56.8366, 48.9153, 72.0916** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.1255, 63.7352, 49.7075**, and the grayscale version is **49.0487, 51.6030, 56.1957**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **28.4929, 23.2064, 37.1600** is the 20% darker color. If you saturate the color by 10%, you get **52.7818, 41.2381, 69.4047**, and if you desaturate by 10%, it is **61.5990, 58.0005, 75.0325**.

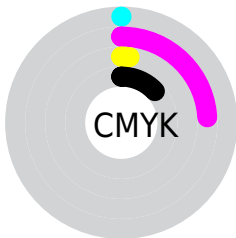
Distribution



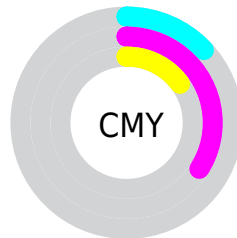
- Red (87%)
- Green (66%)
- Blue (85%)



- Red (87%)
- Yellow (66%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8366, 48.9153, 72.0916 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 56.8366, 48.9153, 72.0916 by changing the saturation by 10% instead.


 56.8366, 48.9153,
72.0916


 56.8366, 48.9153,
72.0916


402.8608,
382.4088, 486.8465

 41.1137, 34.5523,
52.7462

 99.3595, 88.5656,
123.8957

 28.5960, 23.3182,
37.2139


 126.8901,
114.6218, 157.1915

 18.9182, 14.8286,
25.0760


159.0874,
145.3444, 195.9745

 11.7148, 8.6992,
15.9142

196.3167,
181.1179, 240.6632

 6.6206, 4.5455,
9.3097

238.9433,
222.3267, 291.6762

 3.2702, 1.9832,
4.8442

287.3327,

 1.2982, 0.5977,

269.3552, 349.4321

2.0990

341.8500,
322.5878, 414.3493

■ 0.1819, 0.0000,
0.6152

■ 0.0000, 0.0000,
0.0000

■ 56.8366, 48.9153,
72.0916

■ 56.8366, 48.9153,
72.0916

■ 52.7818, 41.2381,
69.4047

■ 61.5990, 58.0005,
75.0325

■ 49.3947, 34.8917,
66.9569

■ 67.0975, 68.5531,
78.2354

■ 46.6383, 29.8013,
64.7362

■ 73.3644, 80.6369,
81.7115

■ 44.4702, 25.8819,
62.7285

■ 79.5272, 92.5068,
85.1702

42.8427, 23.0383,
60.9178

79.8154, 92.6221,
86.6881

41.7007, 21.1602,
59.2857

80.1072, 92.7388,
88.2245

40.9772, 20.1137,
57.8098

80.4025, 92.8570,
89.7795

40.6737, 19.7494,
56.9602

80.7013, 92.9765,
91.3531

81.0037, 93.0975,
92.9455

Harmonies

Analogous

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



52.1081, 48.9153, 87.1811



56.8366, 48.9153, 72.0916



58.7649, 48.9153, 54.1258

Triad

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



56.8366, 48.9153, 72.0916



46.7937, 48.9153, 26.9602



37.2267, 48.9153, 70.2828

Complementary

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



56.8366, 48.9153, 72.0916



50.1255, 63.7352, 49.7075

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.



36.0601, 48.9153, 52.4044



56.8366, 48.9153, 72.0916



41.2957, 48.9153, 29.5247

Square

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



56.8366, 48.9153, 72.0916



52.6717, 48.9153, 30.1093



37.4864, 48.9153, 38.0322



40.8166, 48.9153, 85.9912

Rectangle

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



56.8366, 48.9153, 72.0916



58.0890, 48.9153, 43.6217



37.4864, 48.9153, 38.0322



36.5522, 48.9153, 64.2237

Sweetspot

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



56.8381, 48.9174, 72.0926



89.3476, 89.0273, 105.6673



44.7008, 42.5842, 74.9719



19.0240, 18.8634, 22.5593



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.



56.8381, 48.9174, 72.0926



74.7208, 61.1068, 96.6817



53.7271, 47.6731, 55.7105



14.2363, 13.9122, 17.0147



24.1815, 11.7396, 33.9509



1.6926, 0.8203, 2.4400

Inverse Universe

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



56.8381, 48.9174, 72.0926



74.7208, 61.1068, 96.6817



52.9009, 64.8453, 64.3226



14.2363, 13.9122, 17.0147



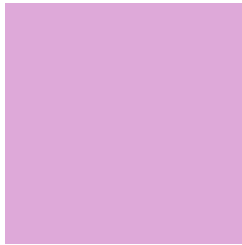
24.1815, 11.7396, 33.9509



1.6926, 0.8203, 2.4400

Previews

White Background



This preview shows how the XYZ color 56.8366, 48.9153, 72.0916 looks on a white background.

Color Contrast Check

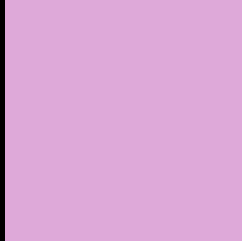
Large Text (above 18pt) WCAG AA × Fail

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 56.8366, 48.9153, 72.0916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

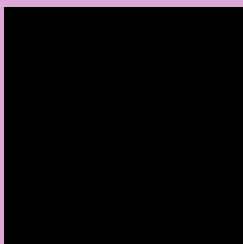
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8366, 48.9153, 72.0916

Background



This preview shows how black text looks on a background with the XYZ color 56.8366, 48.9153, 72.0916.



This preview shows how white text looks on a background with the XYZ color 56.8366, 48.9153,

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

56.8366, 48.9153, 72.0916

Protanopia

48.9101, 49.0571, 79.5642

Deuteranopia

50.0248, 48.9012, 71.0923



Tritanopia

53.1266, 48.8084, 54.1978

Trichromacy



Original Color

56.8366, 48.9153, 72.0916

Protanomaly

51.4317, 48.9054, 76.5410

Deuteranomaly

52.4739, 48.9587, 71.6500

Tritanomaly

54.2747, 48.6886, 60.5701

Monochromacy



Original Color

56.8366, 48.9153, 72.0916

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.5104, 50.1826, 61.6149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8366, 48.9153, 72.0916 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(222, 169, 217)` looks like.

```
.text, #text, p{  
    color:rgb(222, 169, 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(222, 169, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 169, 217) }
```

Border

The CSS property to change the border of an element to XYZ 56.8366, 48.9153, 72.0916 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(222, 169, 217) }
```


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

```
.border{ border-color:rgb(222, 169, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 169, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 169, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 169, 217);  
box-shadow:4px 4px 4px 4px rgb(222, 169,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8366, 48.9153, 72.0916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 169, 217) }
```

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

```
.background{ background-color: rgb(222,  
169, 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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