

Converting Colors

XYZ(56.9778, 49.5407, 66.7241)

Have a look what the booklet for
XYZ(56.9778, 49.5407, 66.7241)
contains.

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Color

**XYZ(57.1229, 49.7368,
66.9111)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ABD1
RGB	225, 171, 209
RGB Percent	88%, 67%, 82%
CMY	0.1176, 0.3294, 0.1804
CMYK	0.00, 0.24, 0.07, 0.12
HSL	318°, 47%, 78%
HSV	318°, 24%, 88%
XYZ	57.1229, 49.7368, 66.9111
YIQ	191.4780, 19.9860, 23.2660

Conversions

Conversions Part 2

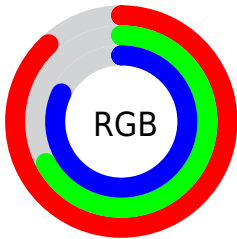
Format	Color
R _Y B	225, 171, 209
Decimal	14789585
CIE Lab	75.91, 25.80, -11.58
CIE LCh	76, 28.275, 335.833
Yxy	49.7368, 0.3287, 0.2862
Android (android.graphics.Color)	4292979665 (0xFFE1ABD1)
YUV	191.4780, 8.6383, 29.3988
Hunter-Lab	70.5243, 21.1629, -6.8853

Details

The XYZ color **57.1229, 49.7368, 66.9111** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.6915, 66.0977, 56.9977**, and the grayscale version is **49.7432, 52.3338, 56.9915**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **28.7570, 23.7584, 34.0805** is the 20% darker color. If you saturate the color by 10%, you get **52.4213, 41.6264, 61.3564**, and if you desaturate by 10%, it is **62.5854, 59.3122, 72.8910**.

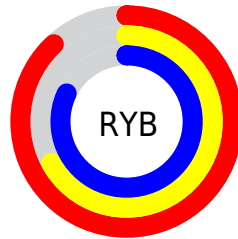
Distribution



Red (88%)

Green (67%)

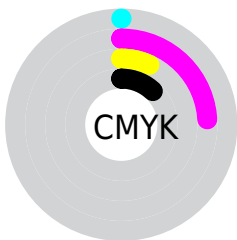
Blue (82%)



Red (88%)

Yellow (67%)

Blue (82%)

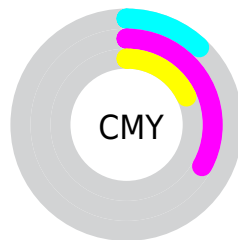


Cyan (0%)

Magenta (24%)

Yellow (7%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1229, 49.7368, 66.9111 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 57.1229, 49.7368, 66.9111 by changing the saturation by 10% instead.

■ 57.1229, 49.7368,
66.9111

■ 57.1229, 49.7368,
66.9111

403.9164,
385.6358, 468.1211

■ 41.3444, 35.2043,
48.5512

■ 99.7748, 89.7848,
116.4325

■ 28.7772, 23.8203,
33.9005

127.3790,
116.0691, 148.4310

■ 19.0558, 15.2004,
22.5405

159.6558,
147.0394, 185.8129

■ 11.8148, 8.9601,
14.0525

196.9705,
183.0802, 228.9967

■ 6.6890, 4.7152,
8.0180

239.6886,
224.5758, 278.4008

■ 3.3130, 2.0811,
4.0185

288.1754,

■ 1.3214, 0.6540,

271.9107, 334.4440

1.6355

342.7962,
325.4692, 397.5445

■ 0.1991, 0.0000,
0.3160

■ 0.0000, 0.0000,
0.0000

■ 57.1229, 49.7368,
66.9111

■ 57.1229, 49.7368,
66.9111

■ 52.4213, 41.6264,
61.3564

■ 62.5854, 59.3122,
72.8910

■ 48.4391, 34.9011,
56.2094

■ 68.8388, 70.4142,
79.3064

■ 45.1376, 29.4831,
51.4556

■ 75.9169, 83.1089,
86.1712

■ 42.4724, 25.2845,
47.0780

■ 81.9042, 93.5647,
92.8488

40.3937, 22.2063,
43.0580

82.8895, 93.9589,
98.0374

38.8440, 20.1343,
39.3740

83.9113, 94.3676,
103.4184

37.7532, 18.9291,
36.0005

84.8617, 94.7478,
108.4232

37.2517, 18.4877,
34.1015

Harmonies

Analogous

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



53.4503, 49.7368, 81.2212



57.1229, 49.7368, 66.9111



58.0751, 49.7368, 51.2617

Triad

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



57.1229, 49.7368, 66.9111



46.2520, 49.7368, 30.1320



39.5327, 49.7368, 72.9607

Complementary

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



57.1229, 49.7368, 66.9111



52.6915, 66.0977, 56.9977

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.



37.9016, 49.7368, 57.1550



57.1229, 49.7368, 66.9111



41.5916, 49.7368, 33.8884

Square

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



57.1229, 49.7368, 66.9111



51.5396, 49.7368, 31.7783



38.6265, 49.7368, 43.1327



43.2492, 49.7368, 85.1431

Rectangle

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



57.1229, 49.7368, 66.9111



56.9819, 49.7368, 42.4794



38.6265, 49.7368, 43.1327



38.7354, 49.7368, 67.7948

Sweetspot

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



57.1244, 49.7390, 66.9122



88.7776, 88.7993, 102.6657



48.4783, 45.0413, 77.3738



18.8917, 18.8105, 21.8626



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.



57.1244, 49.7390, 66.9122



72.4945, 60.2163, 84.9581



54.1321, 48.5421, 51.1550



14.1129, 13.8628, 16.3648



21.5194, 10.6748, 19.9329



1.5303, 0.7554, 1.5856

Inverse Universe

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



57.1244, 49.7390, 66.9122



72.4945, 60.2163, 84.9581



55.7699, 67.3291, 73.2085



14.1129, 13.8628, 16.3648



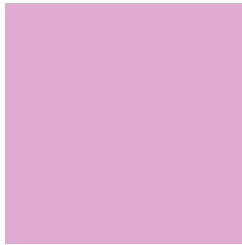
21.5194, 10.6748, 19.9329



1.5303, 0.7554, 1.5856

Previews

White Background



This preview shows how the XYZ color 57.1229, 49.7368, 66.9111 looks on a white background.

Color Contrast Check

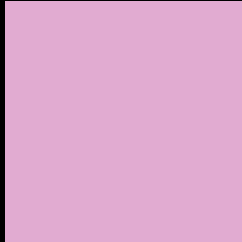
Large Text (above 18pt) WCAG AA × Fail

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 57.1229, 49.7368, 66.9111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

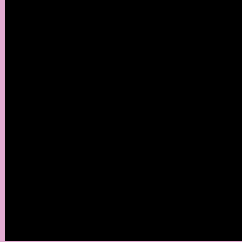
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1229, 49.7368, 66.9111

Background



This preview shows how black text looks on a background with the XYZ color 57.1229, 49.7368, 66.9111.



This preview shows how white text looks on a background with the XYZ color 57.1229, 49.7368,

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

57.1229, 49.7368, 66.9111

Protanopia

49.4011, 50.0560, 74.0759

Deuteranopia

51.0164, 49.8312, 65.9610



Tritanopia

54.5313, 49.8204, 54.3191

Trichromacy



Original Color

57.1229, 49.7368, 66.9111

Protanomaly

51.8156, 49.8244, 71.1761

Deuteranomaly

53.0377, 49.6603, 66.4645

Tritanomaly

55.5313, 49.9456, 58.9382

Monochromacy



Original Color

57.1229, 49.7368, 66.9111

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.9621, 51.0547, 60.5419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1229, 49.7368, 66.9111 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, 171, 209)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 209)  
}
```

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, 171, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.1229, 49.7368, 66.9111 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, 171, 209) }
```


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

```
.border{ border-color:rgb(225, 171, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 171, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 171, 209); box-shadow:4px 4px 4px 4px rgb(225, 171, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1229, 49.7368, 66.9111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 209) }
```

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

```
.background{ background-color: rgb(225,  
171, 209) }
```

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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