

Converting Colors

XYZ(57.6321, 49.8544, 69.9526)

Have a look what the booklet for
XYZ(57.6321, 49.8544, 69.9526)
contains.

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Color

**XYZ(57.7518, 49.9884,
70.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ABD6
RGB	225, 171, 214
RGB Percent	88%, 67%, 84%
CMY	0.1176, 0.3294, 0.1608
CMYK	0.00, 0.24, 0.05, 0.12
HSL	312°, 47%, 78%
HSV	312°, 24%, 88%
XYZ	57.7518, 49.9884, 70.2232
YIQ	192.0480, 18.3810, 24.8210

Conversions

Conversions Part 2

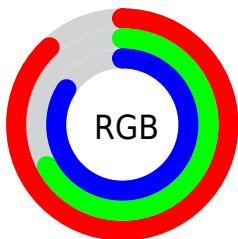
Format	Color
R _{YB}	225, 171, 214
Decimal	14789590
CIE Lab	76.06, 26.67, -14.07
CIE LCh	76, 30.156, 332.189
Yxy	49.9884, 0.3245, 0.2809
Android (android.graphics.Color)	4292979670 (0xFFE1ABD6)
YUV	192.0480, 10.8223, 28.8989
Hunter-Lab	70.7025, 22.0746, -9.3964

Details

The XYZ color **57.7518, 49.9884, 70.2232** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.1653, 65.8871, 54.2269**, and the grayscale version is **50.0635, 52.6707, 57.3584**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **29.0986, 23.8951, 35.8794** is the 20% darker color. If you saturate the color by 10%, you get **53.2814, 41.9705, 65.8857**, and if you desaturate by 10%, it is **62.9651, 59.4641, 74.8907**.

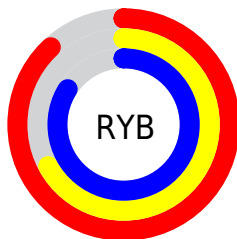
Distribution



Red (88%)

Green (67%)

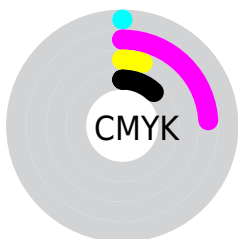
Blue (84%)



Red (88%)

Yellow (67%)

Blue (84%)

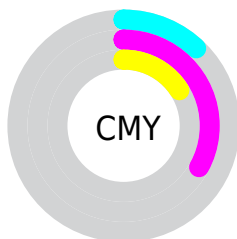


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (12%)



Cyan (12%)


Magenta (33%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7518, 49.9884, 70.2232 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 57.7518, 49.9884, 70.2232 by changing the saturation by 10% instead.


 57.7518, 49.9884,
70.2232

 57.7518, 49.9884,
70.2232

406.2292,
386.6206, 480.1436

 41.8516, 35.4042,
51.2306


 100.6864, 90.1577,
121.2111

 29.1757, 23.9744,
36.0142


128.4515,
116.5115, 154.0435

 19.3587, 15.3146,
24.1553

160.9023,
147.5574, 192.3262

 12.0353, 9.0405,
15.2356

198.4042,
183.6797, 236.4777

 6.8401, 4.7676,
8.8365

241.3224,
225.2627, 286.9167

 3.4077, 2.1116,
4.5393

290.0225,

 1.3729, 0.6711,

272.6910, 344.0617

1.9256

344.8696,
326.3488, 408.3311

■ 0.2368, 0.0000,
0.5090

■ 0.0000, 0.0000,
0.0000

■ 57.7518, 49.9884,
70.2232

■ 57.7518, 49.9884,
70.2232

■ 53.2814, 41.9705,
65.8857

■ 62.9651, 59.4641,
74.8907

■ 49.5125, 35.3305,
61.8622

■ 68.9509, 70.4591,
79.8970

■ 46.4069, 29.9908,
58.1397

■ 75.7428, 83.0393,
85.2547

■ 43.9203, 25.8636,
54.7029

■ 81.4249, 93.3730,
90.3256

■ 42.0034, 22.8502,
51.5345

■ 82.0860, 93.6374,
93.8066

■ 40.5987, 20.8362,
48.6149

■ 82.7642, 93.9087,
97.3779

■ 39.6368, 19.6825,
45.9200

■ 83.4596, 94.1869,
101.0399

■ 39.2049, 19.2690,
44.3878

■ 84.1724, 94.4720,
104.7935

■ 84.8617, 94.7477,
108.4232

Harmonies

Analogous

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



53.5197, 49.9884, 85.1302



57.7518, 49.9884, 70.2232



59.1794, 49.9884, 53.2524

Triad

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



57.7518, 49.9884, 70.2232



47.0999, 49.9884, 28.9420



38.9223, 49.9884, 72.6840

Complementary

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



57.7518, 49.9884, 70.2232



52.1653, 65.8871, 54.2269

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.



37.4895, 49.9884, 55.6226



57.7518, 49.9884, 70.2232



41.9725, 49.9884, 32.1699

Square

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



57.7518, 49.9884, 70.2232



52.7475, 49.9884, 31.3425



38.5611, 49.9884, 41.2004



42.6358, 49.9884, 86.7370

Rectangle

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



57.7518, 49.9884, 70.2232



58.2647, 49.9884, 43.5333



38.5611, 49.9884, 41.2004



38.1718, 49.9884, 67.0057

Sweetspot

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



57.7533, 49.9906, 70.2243



89.0376, 88.9033, 104.0349



47.3999, 44.4854, 77.3232



18.9521, 18.8346, 22.1803



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.



57.7533, 49.9906, 70.2243



73.4926, 60.6155, 90.2139



54.6071, 48.7321, 53.6564



14.1691, 13.8853, 16.6607



22.6346, 11.1208, 25.8053



1.5995, 0.7831, 1.9500

Inverse Universe

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



57.7533, 49.9906, 70.2243



73.4926, 60.6155, 90.2139



55.2054, 67.1032, 70.2359



14.1691, 13.8853, 16.6607



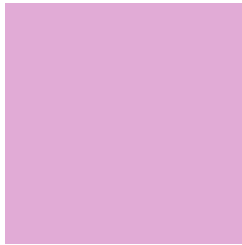
22.6346, 11.1208, 25.8053



1.5995, 0.7831, 1.9500

Previews

White Background



This preview shows how the XYZ color 57.7518, 49.9884, 70.2232 looks on a white background.

Color Contrast Check

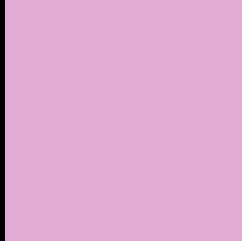
Large Text (above 18pt) WCAG AA × Fail

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 57.7518, 49.9884, 70.2232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

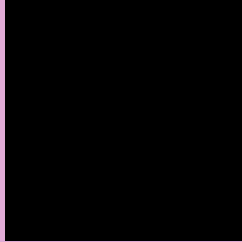
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7518, 49.9884, 70.2232

Background



This preview shows how black text looks on a background with the XYZ color 57.7518, 49.9884, 70.2232.



This preview shows how white text looks on a background with the XYZ color 57.7518, 49.9884,

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

57.7518, 49.9884, 70.2232

Protanopia

49.8358, 50.2029, 77.5845

Deuteranopia

51.3228, 50.2225, 69.2763



Tritanopia

54.6395, 49.8637, 54.8889

Trichromacy



Original Color

57.7518, 49.9884, 70.2232



Protanomaly

52.2071, 49.9508, 74.6000



Deuteranomaly

53.5839, 50.1661, 69.8096



Tritanomaly

55.7605, 50.0373, 60.1453

Monochromacy



Original Color

57.7518, 49.9884, 70.2232



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

52.4677, 51.2885, 61.7779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7518, 49.9884, 70.2232 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.7518, 49.9884, 70.2232 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, 214) }
```


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

```
.border{ border-color:rgb(225, 171, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 214);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7518, 49.9884, 70.2232 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, 214) }
```

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

```
.background{ background-color: rgb(225,  
171, 214) }
```

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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