

Converting Colors

XYZ(57.2474, 49.5217, 66.8630)

Have a look what the booklet for
XYZ(57.2474, 49.5217, 66.8630)
contains.

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Color

**XYZ(57.2474, 49.5217,
66.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	E2AAD1
RGB	226, 170, 209
RGB Percent	89%, 67%, 82%
CMY	0.1137, 0.3333, 0.1804
CMYK	0.00, 0.25, 0.08, 0.11
HSL	318°, 49%, 78%
HSV	318°, 25%, 89%
XYZ	57.2474, 49.5217, 66.8630
YIQ	191.1900, 20.8570, 24.0010

Conversions

Conversions Part 2

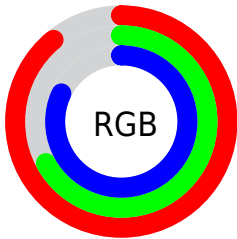
Format	Color
R _Y B	226, 170, 209
Decimal	14854865
CIE _{Lab}	75.77, 26.68, -11.76
CIE _{LCh}	76, 29.154, 336.203
Yxy	49.5217, 0.3297, 0.2852
Android (android.graphics.Color)	4293044945 (0xFFE2AAD1)
YUV	191.1900, 8.7803, 30.5284
Hunter-Lab	70.3717, 22.0595, -7.0737

Details

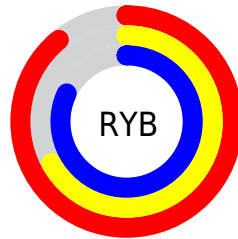
The XYZ color **57.2474, 49.5217, 66.8630** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7456, 66.5280, 57.0779**, and the grayscale version is **49.5749, 52.1567, 56.7986**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **28.8552, 23.6352, 34.0516** is the 20% darker color. If you saturate the color by 10%, you get **52.5385, 41.4335, 61.1924**, and if you desaturate by 10%, it is **62.7241, 59.0854, 72.9712**.

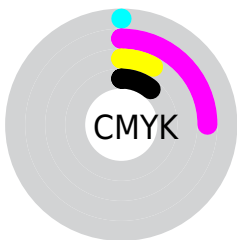
Distribution



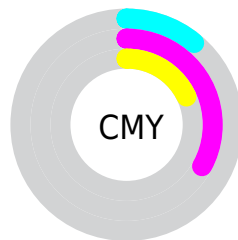
- Red (89%)
- Green (67%)
- Blue (82%)



- Red (89%)
- Yellow (67%)
- Blue (82%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2474, 49.5217, 66.8630 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 57.2474, 49.5217, 66.8630 by changing the saturation by 10% instead.

57.2474, 49.5217,
66.8630

57.2474, 49.5217,
66.8630

404.3749,
384.7925, 467.9452

41.4448, 35.0335,
48.5124

99.9554, 89.4658,
116.3629

28.8560, 23.6887,
33.8700

127.5915,
115.6905, 148.3492

19.1157, 15.1028,
22.5172

159.9028,
146.5961, 185.7179

11.8584, 8.8916,
14.0355

197.2546,
182.5671, 228.8874

6.7188, 4.6705,
8.0063

240.0124,
223.9879, 278.2764

3.3316, 2.0553,
4.0111

288.5415,

1.3315, 0.6393,

271.2428, 334.3033

1.6315

343.2072,
324.7162, 397.3867

■ 0.2066, 0.0000,
0.3131

■ 0.0000, 0.0000,
0.0000

■ 57.2474, 49.5217,
66.8630

■ 57.2474, 49.5217,
66.8630

■ 52.5385, 41.4335,
61.1924

■ 62.7241, 59.0854,
72.9712

■ 48.5552, 34.7396,
55.9413

■ 68.9992, 70.1874,
79.5277

■ 45.2581, 29.3609,
51.0950

■ 76.1071, 82.8948,
86.5467

■ 42.6019, 25.2076,
46.6360

■ 82.3296, 93.7710,
93.4576

40.5356, 22.1788,
42.5449

83.3485, 94.1786,
98.8230

39.0004, 20.1572,
38.7997

84.4062, 94.6016,
104.3925

37.9241, 18.9994,
35.3738

85.1744, 94.9089,
108.4378

37.4834, 18.6165,
33.6902

Harmonies

Analogous

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



53.4870, 49.5217, 81.7235



57.2474, 49.5217, 66.8630



58.1913, 49.5217, 50.7641

Triad

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



57.2474, 49.5217, 66.8630



45.9534, 49.5217, 29.3868



39.1608, 49.5217, 73.5096

Complementary

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



57.2474, 49.5217, 66.8630



52.7456, 66.5280, 57.0779

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.



37.4625, 49.5217, 57.2055



57.2474, 49.5217, 66.8630



41.1859, 49.5217, 33.2691

Square

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



57.2474, 49.5217, 66.8630



51.3942, 49.5217, 30.9894



38.1746, 49.5217, 42.7666



42.9934, 49.5217, 86.0466

Rectangle

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



57.2474, 49.5217, 66.8630



57.0373, 49.5217, 41.8023



38.1746, 49.5217, 42.7666



38.3354, 49.5217, 68.1804

Sweetspot

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



57.2489, 49.5239, 66.8640



88.7573, 88.7911, 102.5586



48.5490, 44.7826, 78.0374



18.8870, 18.8086, 21.8378



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.



57.2489, 49.5239, 66.8640



71.7936, 59.1135, 83.8026



54.1016, 48.2650, 50.2908



14.1085, 13.8610, 16.3417



21.4391, 10.6427, 19.5101



1.5253, 0.7534, 1.5589

Inverse Universe

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



57.2489, 49.5239, 66.8640



71.7936, 59.1135, 83.8026



56.0157, 67.8361, 74.2980



14.1085, 13.8610, 16.3417



21.4391, 10.6427, 19.5101



1.5253, 0.7534, 1.5589

Previews

White Background



This preview shows how the XYZ color 57.2474, 49.5217, 66.8630 looks on a white background.

Color Contrast Check

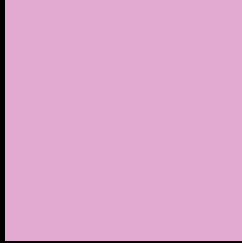
Large Text (above 18pt) WCAG AA × Fail

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 57.2474, 49.5217, 66.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

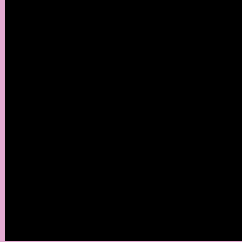
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2474, 49.5217, 66.8630

Background



This preview shows how black text looks on a background with the XYZ color 57.2474, 49.5217, 66.8630.



This preview shows how white text looks on a background with the XYZ color 57.2474, 49.5217,

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

57.2474, 49.5217, 66.8630

Protanopia

49.1912, 49.6362, 74.0059

Deuteranopia

50.7554, 49.6967, 65.9488



Tritanopia

54.5371, 49.5479, 53.7030

Trichromacy



Original Color

57.2474, 49.5217, 66.8630

Protanomaly

51.6130, 49.4191, 71.1085

Deuteranomaly

53.0377, 49.6603, 66.4645

Tritanomaly

55.5344, 49.6746, 58.2909

Monochromacy



Original Color

57.2474, 49.5217, 66.8630

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.0284, 50.7816, 60.4857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2474, 49.5217, 66.8630 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(226, 170, 209)` looks like.

```
.text, #text, p{  
    color:rgb(226, 170, 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(226, 170, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 170, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.2474, 49.5217, 66.8630 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(226, 170, 209) }
```


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

```
.border{ border-color:rgb(226, 170, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 170, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 170, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 170, 209); box-shadow:4px 4px 4px 4px rgb(226, 170, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2474, 49.5217, 66.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 170, 209) }
```

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

```
.background{ background-color: rgb(226,  
170, 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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