

Converting Colors

XYZ(57.9434, 50.4430, 67.0067)

Have a look what the booklet for
XYZ(57.9434, 50.4430, 67.0067)
contains.

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Color

**XYZ(57.9397, 50.4394,
67.0036)**

Conversions

Conversions Part 1

Format	Color
Hex	E3ACD1
RGB	227, 172, 209
RGB Percent	89%, 67%, 82%
CMY	0.1098, 0.3255, 0.1804
CMYK	0.00, 0.24, 0.08, 0.11
HSL	320°, 50%, 78%
HSV	320°, 24%, 89%
XYZ	57.9397, 50.4394, 67.0036
YIQ	192.6630, 20.9030, 23.1670

Conversions

Conversions Part 2

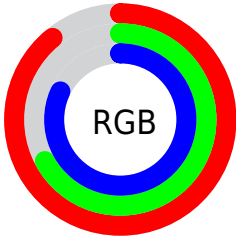
Format	Color
R _Y B	227, 172, 209
Decimal	14920913
CIE Lab	76.34, 25.94, -10.91
CIE LCh	76, 28.143, 337.188
Yxy	50.4394, 0.3304, 0.2876
Android (android.graphics.Color)	4293110993 (0xFFE3ACD1)
YUV	192.6630, 8.0541, 30.1135
Hunter-Lab	71.0207, 21.3366, -6.2219

Details

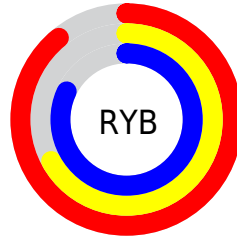
The XYZ color **57.9397, 50.4394, 67.0036** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.7787, 67.4280, 58.8987**, and the grayscale version is **50.4377, 53.0644, 57.7871**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **29.3078, 24.2181, 34.1402** is the 20% darker color. If you saturate the color by 10%, you get **53.0847, 42.1667, 60.9525**, and if you desaturate by 10%, it is **63.5785, 60.2096, 73.5288**.

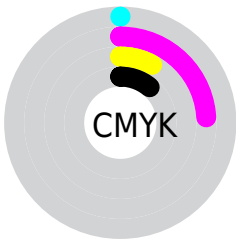
Distribution



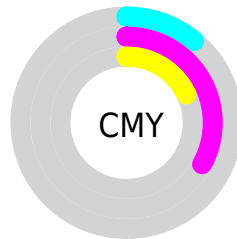
- Red (89%)
- Green (67%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (11%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9397, 50.4394, 67.0036 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 57.9397, 50.4394, 67.0036 by changing the saturation by 10% instead.


 57.9397, 50.4394,
67.0036

 57.9397, 50.4394,
67.0036


406.9187,
388.3818, 468.4594

 42.0032, 35.7627,
48.6259


 100.9585, 90.8256,
116.5663

 29.2950, 24.2509,
33.9593

128.7716,
117.3038, 148.5884

 19.4495, 15.5199,
22.5853

161.2742,
148.4846, 185.9957

 12.1014, 9.1851,
14.0851

198.8318,
184.7525, 229.2067

 6.8855, 4.8621,
8.0405

241.8097,
226.4917, 278.6401

 3.4363, 2.1666,
4.0327

290.5732,

 1.3885, 0.7017,

274.0867, 334.7143

1.6433

345.4878,
327.9220, 397.8479

■ 0.2480, 0.0000,
0.3214

■ 0.0000, 0.0000,
0.0000

■ 57.9397, 50.4394,
67.0036

■ 57.9397, 50.4394,
67.0036

■ 53.0847, 42.1667,
60.9525

■ 63.5785, 60.2096,
73.5288

■ 48.9709, 35.3094,
55.3567

■ 70.0320, 71.5404,
80.5394

■ 45.5585, 29.7881,
50.2006

■ 77.3349, 84.4994,
88.0504

■ 42.8018, 25.5125,
45.4661

■ 82.9775, 94.0665,
95.2279

40.6498, 22.3812,
41.1330

84.0964, 94.5141,
101.1199

39.0430, 20.2767,
37.1785

85.2610, 94.9799,
107.2524

37.9094, 19.0557,
33.5752

85.4889, 95.0711,
108.4525

37.4042, 18.6212,
31.6318

Harmonies

Analogous

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



54.3545, 50.4394, 81.5438



57.9397, 50.4394, 67.0036



58.7553, 50.4394, 51.3555

Triad

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



57.9397, 50.4394, 67.0036



46.6798, 50.4394, 30.7952



40.2872, 50.4394, 74.4723

Complementary

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



57.9397, 50.4394, 67.0036



53.7787, 67.4280, 58.8987

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.



38.5426, 50.4394, 58.6455



57.9397, 50.4394, 67.0036



42.0532, 50.4394, 34.8313

Square

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



57.9397, 50.4394, 67.0036



51.9931, 50.4394, 32.2098



39.1646, 50.4394, 44.3841



44.1054, 50.4394, 86.3795

Rectangle

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



57.9397, 50.4394, 67.0036



57.5681, 50.4394, 42.6581



39.1646, 50.4394, 44.3841



39.4521, 50.4394, 69.3315

Sweetspot

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



57.9412, 50.4417, 67.0047



88.6911, 88.7647, 102.2103



49.7096, 45.9259, 78.9184



18.8717, 18.8024, 21.7570



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.



57.9412, 50.4417, 67.0047



72.1691, 60.0861, 83.2446



54.8850, 49.2192, 50.9111



14.7840, 14.5308, 17.0628



21.8699, 10.8822, 18.7417



1.6584, 0.8211, 1.6078

Inverse Universe

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



57.9412, 50.4417, 67.0047



72.1691, 60.0861, 83.2446



56.9976, 68.7155, 75.8494



14.7840, 14.5308, 17.0628



21.8699, 10.8822, 18.7417



1.6584, 0.8211, 1.6078

Previews

White Background



This preview shows how the XYZ color 57.9397, 50.4394, 67.0036 looks on a white background.

Color Contrast Check

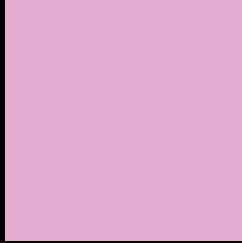
Large Text (above 18pt) WCAG AA × Fail

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 57.9397, 50.4394, 67.0036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

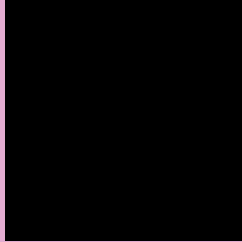
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9397, 50.4394, 67.0036

Background



This preview shows how black text looks on a background with the XYZ color 57.9397, 50.4394, 67.0036.



This preview shows how white text looks on a background with the XYZ color 57.9397, 50.4394,

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

57.9397, 50.4394, 67.0036

Protanopia

50.0849, 50.7224, 74.1685

Deuteranopia

51.4847, 50.3777, 66.0418



Tritanopia

55.2557, 50.1814, 54.9178

Trichromacy



Original Color

57.9397, 50.4394, 67.0036

Protanomaly

52.5469, 50.5043, 71.2688

Deuteranomaly

53.7998, 50.3496, 66.5574

Tritanomaly

56.1512, 50.2652, 58.9672

Monochromacy



Original Color

57.9397, 50.4394, 67.0036

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.8346, 51.8006, 61.2467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9397, 50.4394, 67.0036 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(227, 172, 209)` looks like.

```
.text, #text, p{  
    color:rgb(227, 172, 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(227, 172, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 172, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.9397, 50.4394, 67.0036 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(227, 172, 209) }
```


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

```
.border{ border-color:rgb(227, 172, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 172, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 172, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 172, 209);  
box-shadow:4px 4px 4px 4px rgb(227, 172,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9397, 50.4394, 67.0036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 172, 209) }
```

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

```
.background{ background-color: rgb(227,  
172, 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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