

Converting Colors

XYZ(57.4118, 49.1961, 62.8307)

Have a look what the booklet for
XYZ(57.4118, 49.1961, 62.8307)
contains.

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Color

**XYZ(57.4153, 49.1401,
62.9588)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A8CB
RGB	230, 168, 203
RGB Percent	90%, 66%, 80%
CMY	0.0980, 0.3412, 0.2039
CMYK	0.00, 0.27, 0.12, 0.10
HSL	326°, 55%, 78%
HSV	326°, 27%, 90%
XYZ	57.4153, 49.1401, 62.9588
YIQ	190.5280, 25.7170, 24.0290

Conversions

Conversions Part 2

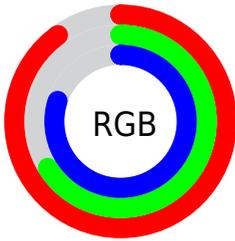
Format	Color
R _Y B	230, 168, 203
Decimal	15116491
CIE Lab	75.54, 28.11, -8.80
CIE LCh	76, 29.450, 342.623
Yxy	49.1401, 0.3387, 0.2899
Android (android.graphics.Color)	4293306571 (0xFFE6A8CB)
YUV	190.5280, 6.1487, 34.6169
Hunter-Lab	70.1000, 23.5252, -4.1800

Details

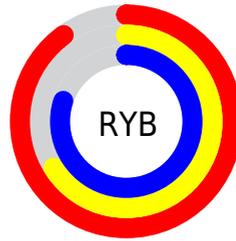
The XYZ color **57.4153, 49.1401, 62.9588** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.2977, 68.8600, 62.0625**, and the grayscale version is **49.2045, 51.7670, 56.3743**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **29.0111, 23.4301, 31.4272** is the 20% darker color. If you saturate the color by 10%, you get **52.3836, 40.9252, 55.5813**, and if you desaturate by 10%, it is **63.2780, 58.8922, 70.9950**.

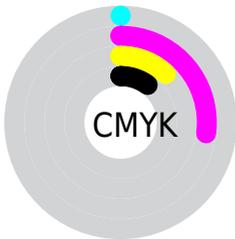
Distribution



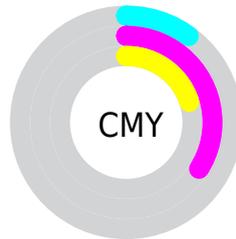
- Red (90%)
- Green (66%)
- Blue (80%)



- Red (90%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (10%)



- Cyan (10%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4153, 49.1401, 62.9588 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 57.4153, 49.1401, 62.9588 by changing the saturation by 10% instead.

57.4153, 49.1401,
62.9588

57.4153, 49.1401,
62.9588

404.9927,
383.2936, 453.5238

41.5802, 34.7306,
45.3671

100.1988, 88.8995,
110.6951

28.9624, 23.4554,
31.4016

127.8779,
115.0182, 141.6767

19.1965, 14.9302,
20.6438

160.2357,
145.8088, 177.9588

11.9172, 8.7704,
12.6752

197.6375,
181.6557, 219.9597

6.7591, 4.5917,
7.0772

240.4488,
222.9432, 268.0982

3.3569, 2.0098,
3.4312

289.0349,

1.3452, 0.6131,

270.0557, 322.7926

1.3188

343.7611,
323.3777, 384.4617

■ 0.2167, 0.0000,
0.0771

■ 0.0000, 0.0000,
0.0000

■ 57.4153, 49.1401,
62.9588

■ 57.4153, 49.1401,
62.9588

■ 52.3836, 40.9252,
55.5813

■ 63.2780, 58.8922,
70.9950

■ 48.1375, 34.1611,
48.8385

■ 70.0055, 70.2488,
79.7064

■ 44.6338, 28.7630,
42.7094

■ 77.6347, 83.2811,
89.1126

■ 41.8232, 24.6347,
37.1698

■ 84.5815, 94.8184,
98.6922

■ 39.6497, 21.6670,
32.1933

■ 86.1367, 95.4405,
106.8819

■ 38.0482, 19.7321,
27.7501

■ 86.4435, 95.5632,
108.4972

■ 36.9350, 18.6654,
23.8040

■ 36.6515, 18.4304,
22.6858

Harmonies

Analogous

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



54.1524, 49.1401, 78.7100



57.4153, 49.1401, 62.9588



57.6734, 49.1401, 47.2230

Triad

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



57.4153, 49.1401, 62.9588



44.4578, 49.1401, 29.2758



39.4254, 49.1401, 76.4590

Complementary

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



57.4153, 49.1401, 62.9588



54.2977, 68.8600, 62.0625

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.



37.2257, 49.1401, 60.3212



57.4153, 49.1401, 62.9588



39.9759, 49.1401, 34.3530

Square

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



57.4153, 49.1401, 62.9588



49.8999, 49.1401, 29.7082



37.4191, 49.1401, 45.0488



43.6517, 49.1401, 87.4835

Rectangle

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



57.4153, 49.1401, 62.9588



56.0802, 49.1401, 38.9276



37.4191, 49.1401, 45.0488



38.4397, 49.1401, 71.3316

Sweetspot

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



57.4167, 49.1423, 62.9598



87.4862, 87.1088, 99.4844



50.7589, 45.3054, 80.9332



18.4389, 18.1589, 20.9284



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.



57.4167, 49.1423, 62.9598



69.1075, 56.4396, 74.5888



54.0968, 47.8144, 45.4774



14.7161, 14.5036, 16.7051



20.8123, 10.4591, 13.1724



1.5844, 0.7915, 1.2180

Inverse Universe

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



57.4167, 49.1423, 62.9598



69.1075, 56.4396, 74.5888



58.1561, 70.4034, 82.3806



14.7161, 14.5036, 16.7051



20.8123, 10.4591, 13.1724



1.5844, 0.7915, 1.2180

Previews

White Background



This preview shows how the XYZ color 57.4153, 49.1401, 62.9588 looks on a white background.

Color Contrast Check

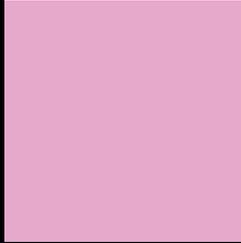
Large Text (above 18pt) WCAG AA × Fail

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 57.4153, 49.1401, 62.9588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

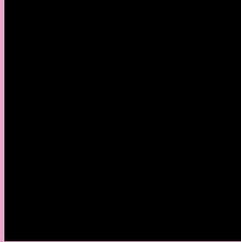
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4153, 49.1401, 62.9588

Background



This preview shows how black text looks on a background with the XYZ color 57.4153, 49.1401, 62.9588.



This preview shows how white text looks on a background with the XYZ color 57.4153, 49.1401,

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

57.4153, 49.1401, 62.9588

Protanopia

48.7780, 49.4980, 70.6015

Deuteranopia

50.3552, 49.2706, 62.1145



Tritanopia

55.2095, 49.0805, 51.9110

Trichromacy



Original Color

57.4153, 49.1401, 62.9588

Protanomaly

51.3061, 49.0355, 67.7334

Deuteranomaly

52.7643, 49.0166, 62.5573

Tritanomaly

56.0918, 49.1691, 55.8244

Monochromacy



Original Color

57.4153, 49.1401, 62.9588

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.9607, 50.7862, 58.6939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4153, 49.1401, 62.9588 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(230, 168, 203)` looks like.

```
.text, #text, p{  
    color:rgb(230, 168, 203)  
}
```

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(230, 168, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 168, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.4153, 49.1401, 62.9588 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(230, 168, 203) }
```

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

```
.border{ border-color:rgb(230, 168, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 168, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 168, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 168, 203);  
box-shadow:4px 4px 4px 4px rgb(230, 168,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4153, 49.1401, 62.9588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 168, 203) }
```

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

```
.background{ background-color: rgb(230,  
168, 203) }
```

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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