

Converting Colors

XYZ(58.9015, 49.7346, 70.7853)

Have a look what the booklet for
XYZ(58.9015, 49.7346, 70.7853)
contains.

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Color

**XYZ(58.9015, 49.7346,
70.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A8D7
RGB	230, 168, 215
RGB Percent	90%, 66%, 84%
CMY	0.0980, 0.3412, 0.1569
CMYK	0.00, 0.27, 0.07, 0.10
HSL	315°, 55%, 78%
HSV	315°, 27%, 90%
XYZ	58.9015, 49.7346, 70.7853
YIQ	191.8960, 21.8650, 27.7610

Conversions

Conversions Part 2

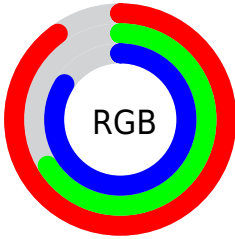
Format	Color
R _Y B	230, 168, 215
Decimal	15116503
CIE Lab	75.91, 30.14, -14.80
CIE LCh	76, 33.575, 333.848
Yxy	49.7346, 0.3283, 0.2772
Android (android.graphics.Color)	4293306583 (0xFFE6A8D7)
YUV	191.8960, 11.3903, 33.4172
Hunter-Lab	70.5228, 25.6706, -10.1448

Details

The XYZ color **58.9015, 49.7346, 70.7853** is a light color, and the websafe version is hex **CC99CC**, and the color name is **light orchid**. A complement of this color would be **52.9945, 68.3388, 55.2003**, and the grayscale version is **49.9703, 52.5727, 57.2516**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **29.9315, 23.7982, 36.2737** is the 20% darker color. If you saturate the color by 10%, you get **54.3224, 41.7007, 65.7910**, and if you desaturate by 10%, it is **64.2589, 59.2846, 76.1601**.

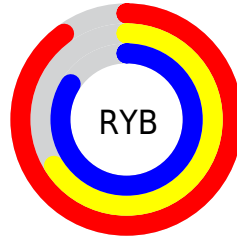
Distribution



Red (90%)

Green (66%)

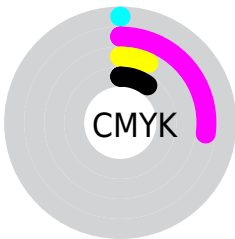
Blue (84%)



Red (90%)

Yellow (66%)

Blue (84%)

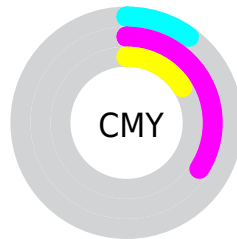


Cyan (0%)

Magenta (27%)

Yellow (7%)

Black (10%)



Cyan (10%)


Magenta (34%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9015, 49.7346, 70.7853 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 58.9015, 49.7346, 70.7853 by changing the saturation by 10% instead.


 58.9015, 49.7346,
70.7853


 58.9015, 49.7346,
70.7853


410.4367,
385.6272, 482.1660

 42.7799, 35.2026,
51.6863


 102.3499, 89.7815,
122.0196

 29.9062, 23.8190,
36.3745


 130.4075,
116.0652, 154.9919

 19.9151, 15.1994,
24.4316

163.1744,
147.0349, 193.4257

 12.4413, 8.9594,
15.4389

201.0160,
183.0750, 237.7395

 7.1193, 4.7147,
8.9780

244.2977,
224.5698, 288.3519

 3.5838, 2.0809,
4.6302

293.3848,

 1.4695, 0.6538,

271.9039, 345.6814

1.9771

348.6427,
325.4615, 410.1466

■ 0.3049, 0.0000,
0.5411

■ 0.0000, 0.0000,
0.0000

■ 58.9015, 49.7346,
70.7853

■ 58.9015, 49.7346,
70.7853

■ 54.3224, 41.7007,
65.7910

■ 64.2589, 59.2846,
76.1601

■ 50.4773, 35.0970,
61.1597

■ 70.4269, 70.4174,
81.9258

■ 47.3242, 29.8392,
56.8768

■ 77.4417, 83.2038,
88.0960

■ 44.8151, 25.8315,
52.9249

■ 83.7177, 94.4729,
94.1434

■ 42.8953, 22.9652,
49.2847

■ 84.5448, 94.8037,
98.4991

■ 41.5013, 21.1133,
45.9337

■ 85.3974, 95.1448,
102.9889

■ 40.5506, 20.1117,
42.8431

■ 86.2758, 95.4961,
107.6140

■ 40.3078, 19.8929,
41.9397

■ 86.4435, 95.5632,
108.4972

Harmonies

Analogous

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



54.2867, 49.7346, 88.0665



58.9015, 49.7346, 70.7853



60.3059, 49.7346, 51.8754

Triad

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



58.9015, 49.7346, 70.7853



46.4693, 49.7346, 26.5571



37.9752, 49.7346, 75.6767

Complementary

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



58.9015, 49.7346, 70.7853



52.9945, 68.3388, 55.2003

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.



36.2647, 49.7346, 56.4954



58.9015, 49.7346, 70.7853



40.8878, 49.7346, 30.3000

Square

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



58.9015, 49.7346, 70.7853



52.7692, 49.7346, 28.7585



37.2825, 49.7346, 40.3535



42.1691, 49.7346, 91.2996

Rectangle

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



58.9015, 49.7346, 70.7853



59.1384, 49.7346, 41.3937



37.2825, 49.7346, 40.3535



37.1084, 49.7346, 69.2957

Sweetspot

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



58.9030, 49.7368, 70.7863



88.0993, 87.3540, 102.7129



47.6896, 43.7231, 80.7896



18.5937, 18.2208, 21.7437



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.



58.9030, 49.7368, 70.7863



71.2929, 57.3138, 86.0969



55.3453, 48.3138, 52.0519



14.8382, 14.5525, 17.3484



22.8702, 11.2823, 24.0091



1.7258, 0.8480, 1.9628

Inverse Universe

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



58.9030, 49.7368, 70.7863



71.2929, 57.3138, 86.0969



56.5166, 69.7476, 73.7472



14.8382, 14.5525, 17.3484



22.8702, 11.2823, 24.0091



1.7258, 0.8480, 1.9628

Previews

White Background



This preview shows how the XYZ color 58.9015, 49.7346, 70.7853 looks on a white background.

Color Contrast Check

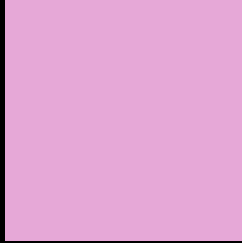
Large Text (above 18pt) WCAG AA × Fail

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 58.9015, 49.7346, 70.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

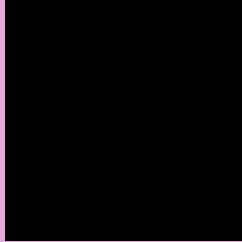
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9015, 49.7346, 70.7853

Background



This preview shows how black text looks on a background with the XYZ color 58.9015, 49.7346, 70.7853.



This preview shows how white text looks on a background with the XYZ color 58.9015, 49.7346,

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

58.9015, 49.7346, 70.7853

Protanopia

49.7841, 50.1288, 79.7250

Deuteranopia

51.0653, 50.0898, 69.2642



Tritanopia

55.2772, 49.6437, 53.6825

Trichromacy



Original Color

58.9015, 49.7346, 70.7853



Protanomaly

52.4653, 49.4382, 76.5893



Deuteranomaly

53.6628, 49.9103, 69.7561



Tritanomaly

56.3195, 49.4879, 59.4071

Monochromacy



Original Color

58.9015, 49.7346, 70.7853



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

52.8124, 51.1589, 61.7347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9015, 49.7346, 70.7853 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(230, 168, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 168, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.9015, 49.7346, 70.7853 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, 215) }
```


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

```
.border{ border-color:rgb(230, 168, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 168, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 168, 215);  
box-shadow:4px 4px 4px 4px rgb(230, 168,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9015, 49.7346, 70.7853 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, 215) }
```

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

```
.background{ background-color: rgb(230,  
168, 215) }
```

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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