

Converting Colors

XYZ(58.8577, 51.9060, 74.6149)

Have a look what the booklet for
XYZ(58.8577, 51.9060, 74.6149)
contains.

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Color

**XYZ(58.8750, 51.9060,
74.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB0DC
RGB	223, 176, 220
RGB Percent	87%, 69%, 86%
CMY	0.1255, 0.3098, 0.1373
CMYK	0.00, 0.21, 0.01, 0.13
HSL	304°, 42%, 78%
HSV	304°, 21%, 87%
XYZ	58.8750, 51.9060, 74.6259
YIQ	195.0690, 13.8880, 23.6480

Conversions

Conversions Part 2

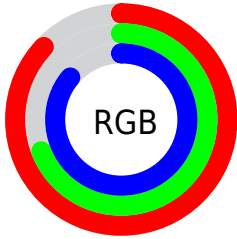
Format	Color
R _Y B	223, 176, 220
Decimal	14659804
CIE Lab	77.22, 24.39, -15.60
CIE LCh	77, 28.954, 327.391
Yxy	51.9060, 0.3175, 0.2800
Android (android.graphics.Color)	4292849884 (0xFFDFB0DC)
YUV	195.0690, 12.2910, 24.4955
Hunter-Lab	72.0458, 19.7879, -10.9812

Details

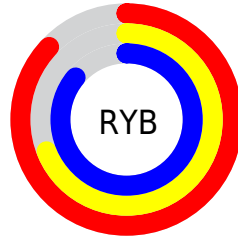
The XYZ color **58.8750, 51.9060, 74.6259** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.4309, 65.2616, 52.4841**, and the grayscale version is **51.8375, 54.5371, 59.3909**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **29.8108, 25.0980, 38.8705** is the 20% darker color. If you saturate the color by 10%, you get **54.6694, 43.7944, 72.2983**, and if you desaturate by 10%, it is **63.8036, 61.4592, 77.2036**.

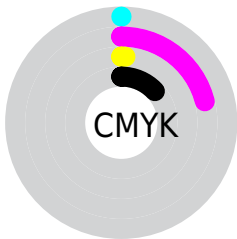
Distribution



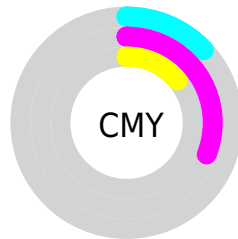
- Red (87%)
- Green (69%)
- Blue (86%)



- Red (87%)
- Yellow (69%)
- Blue (86%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8750, 51.9060, 74.6259 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 58.8750, 51.9060, 74.6259 by changing the saturation by 10% instead.


 58.8750, 51.9060,
74.6259

 58.8750, 51.9060,
74.6259


410.3400,
394.0736, 495.8518

 42.7585, 36.9302,
54.8066


 102.3116, 92.9926,
127.5249

 29.8894, 25.1534,
38.8493


130.3625,
119.8721, 161.4416

 19.9023, 16.1914,
26.3356


163.1221,
151.4884, 200.8946

 12.4319, 9.6597,
16.8469

200.9559,
188.2257, 246.3024

 7.1128, 5.1739,
9.9646

244.2293,
230.4685, 298.0834

 3.5797, 2.3497,
5.2702

293.3075,

 1.4672, 0.7998,

278.6011, 356.6563

2.3451

348.5560,
333.0080, 422.4396

■ 0.3034, 0.0000,
0.7563

■ 0.0000, 0.0000,
0.0000

■ 58.8750, 51.9060,
74.6259

■ 58.8750, 51.9060,
74.6259

■ 54.6694, 43.7944,
72.2983

■ 63.8036, 61.4592,
77.2036

■ 51.1470, 37.0475,
70.2057

■ 69.4830, 72.5125,
80.0390

■ 48.2714, 31.5918,
68.3366

■ 75.9456, 85.1295,
83.1434

■ 46.0010, 27.3437,
66.6771

■ 79.8775, 92.6825,
85.4122

44.2892, 24.2103,
65.2116

80.0734, 92.7608,
86.4436

43.0826, 22.0849,
63.9224

80.2709, 92.8398,
87.4836

42.3176, 20.8400,
62.7882

80.4700, 92.9195,
88.5322

41.9113, 20.2800,
61.8745

80.6708, 92.9998,
89.5894

80.8732, 93.0807,
90.6552

Harmonies

Analogous

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



54.4060, 51.9060, 88.2040



58.8750, 51.9060, 74.6259



60.7740, 51.9060, 57.9185

Triad

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



58.8750, 51.9060, 74.6259



49.8221, 51.9060, 31.1669



40.4590, 51.9060, 71.7651

Complementary

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



58.8750, 51.9060, 74.6259



52.4309, 65.2616, 52.4841

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.



39.4299, 51.9060, 55.1380



58.8750, 51.9060, 74.6259



44.5895, 51.9060, 33.5045

Square

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



58.8750, 51.9060, 74.6259



55.3083, 51.9060, 34.4951



40.8858, 51.9060, 41.6034



43.8082, 51.9060, 86.3467

Rectangle

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



58.8750, 51.9060, 74.6259



60.2281, 51.9060, 47.8705



40.8858, 51.9060, 41.6034



39.8417, 51.9060, 66.1462

Sweetspot

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



58.8766, 51.9083, 74.6270



90.2050, 90.5609, 106.5112



47.2875, 45.8876, 76.1778



19.1996, 19.1737, 22.7438



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.



58.8766, 51.9083, 74.6270



77.3270, 65.5914, 99.7940



56.0538, 50.7792, 59.7626



14.2553, 13.9197, 17.1144



24.6590, 11.9306, 36.4658



1.7208, 0.8316, 2.5886

Inverse Universe

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



58.8766, 51.9083, 74.6270



77.3270, 65.5914, 99.7940



54.9370, 66.2640, 65.6807



14.2553, 13.9197, 17.1144



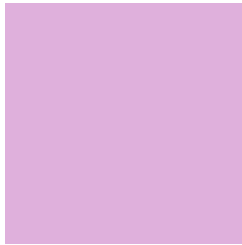
24.6590, 11.9306, 36.4658



1.7208, 0.8316, 2.5886

Previews

White Background



This preview shows how the XYZ color 58.8750, 51.9060, 74.6259 looks on a white background.

Color Contrast Check

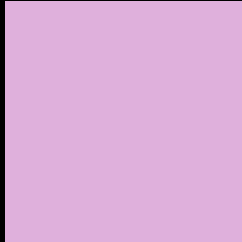
Large Text (above 18pt) WCAG AA × Fail

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 58.8750, 51.9060, 74.6259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

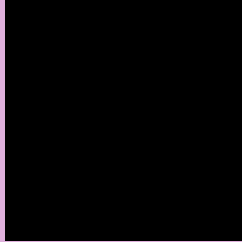
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8750, 51.9060, 74.6259

Background



This preview shows how black text looks on a background with the XYZ color 58.8750, 51.9060, 74.6259.



This preview shows how white text looks on a background with the XYZ color 58.8750, 51.9060,

74.6259.

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

58.8750, 51.9060, 74.6259

Protanopia

51.8689, 52.1196, 81.4550

Deuteranopia

53.2398, 52.0501, 73.5703



Tritanopia

55.5876, 52.0479, 58.7462

Trichromacy



Original Color

58.8750, 51.9060, 74.6259

Protanomaly

54.1567, 51.7777, 79.0912

Deuteranomaly

54.9677, 51.6922, 74.0983

Tritanomaly

56.5344, 51.8155, 64.1484

Monochromacy



Original Color

58.8750, 51.9060, 74.6259

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.0591, 53.3052, 64.5665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8750, 51.9060, 74.6259 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(223, 176, 220)` looks like.

```
.text, #text, p{  
    color:rgb(223, 176, 220)  
}
```

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(223, 176, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 176, 220) }
```

Border

The CSS property to change the border of an element to XYZ 58.8750, 51.9060, 74.6259 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(223, 176, 220) }
```


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

```
.border{ border-color:rgb(223, 176, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 176, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 176, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 176, 220);  
box-shadow:4px 4px 4px 4px rgb(223, 176,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8750, 51.9060, 74.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 176, 220) }
```

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

```
.background{ background-color: rgb(223,  
176, 220) }
```

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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