

Converting Colors

XYZ(64.3842, 59.9616, 77.9924)

Have a look what the booklet for
XYZ(64.3842, 59.9616, 77.9924)
contains.

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Color

**XYZ(64.3842, 59.9616,
77.9924)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E4C1DF |
| RGB | 228, 193, 223 |
| RGB Percent | 89%, 76%, 87% |
| CMY | 0.1059, 0.2431, 0.1255 |
| CMYK | 0.00, 0.15, 0.02, 0.11 |
| HSL | 309°, 39%, 83% |
| HSV | 309°, 15%, 89% |
| XYZ | 64.3842, 59.9616, 77.9924 |
| YIQ | 206.8850, 11.2300, 16.7500 |

Conversions

Conversions Part 2

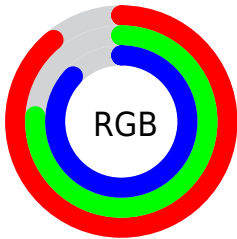
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 228, 193, 223 |
| Decimal | 14991839 |
| CIE Lab | 81.82, 17.49, -10.30 |
| CIE LCh | 82, 20.300, 329.517 |
| Yxy | 59.9616, 0.3182, 0.2963 |
| Android (android.graphics.Color) | 4293181919 (0xFFE4C1DF) |
| YUV | 206.8850, 7.9447, 18.5179 |
| Hunter-Lab | 77.4349, 12.9050, -5.5125 |

Details

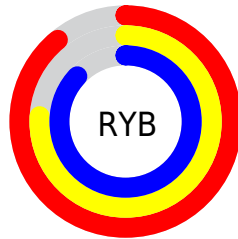
The XYZ color **64.3842, 59.9616, 77.9924** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.9311, 70.9033, 63.9564**, and the grayscale version is **59.1811, 62.2631, 67.8045**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **33.3138, 30.0630, 41.0927** is the 20% darker color. If you saturate the color by 10%, you get **59.2929, 50.4743, 74.1497**, and if you desaturate by 10%, it is **70.2645, 71.0115, 82.1412**.

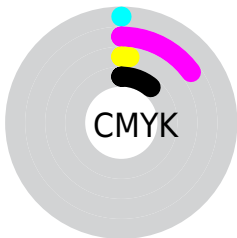
Distribution



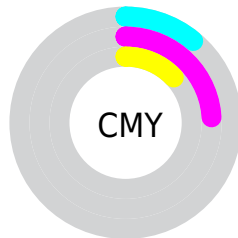
- Red (89%)
- Green (76%)
- Blue (87%)



- Red (89%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3842, 59.9616, 77.9924 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 64.3842, 59.9616, 77.9924 by changing the saturation by 10% instead.

64.3842, 59.9616,
77.9924

64.3842, 59.9616,
77.9924

430.1560,
424.4562, 507.6683

47.2248, 43.3877,
57.5513

110.2347,
104.7740, 132.3252

33.4221, 30.1894,
41.0357

139.6565,
133.7812, 167.0540

22.6108, 19.9824,
28.0271

173.8964,
167.7017, 207.3824

14.4255, 12.3823,
18.1069

213.3199,
206.9197, 253.7290

8.5008, 7.0046,
10.8565

258.2922,
251.8199, 306.5124

4.4715, 3.4650,
5.8575

309.1788,

1.9722, 1.3790,

302.7864, 366.1510

2.6912

366.3449,
360.2037, 433.0635

■ 0.6183, 0.2012,
0.9390

■ 0.0000, 0.0000,
0.0000

■ 64.3842, 59.9616,
77.9924

■ 64.3842, 59.9616,
77.9924

■ 59.2929, 50.4743,
74.1497

■ 70.2645, 71.0115,
82.1412

■ 54.9498, 42.4708,
70.5971

■ 76.9617, 83.6825,
86.6036

■ 51.3183, 35.8773,
67.3230

■ 82.4312, 93.8845,
90.6989

■ 48.3568, 30.6103,
64.3132

■ 82.9004, 94.0722,
93.1698

46.0191, 26.5778,
61.5521

83.3783, 94.2634,
95.6861

44.2533, 23.6759,
59.0222

83.8648, 94.4580,
98.2482

42.9990, 21.7839,
56.7030

84.3601, 94.6561,
100.8563

42.1817, 20.7530,
54.5696

84.8641, 94.8577,
103.5105

41.8938, 20.4536,
53.6217

85.3770, 95.0629,
106.2112

Harmonies

Analogous

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



61.1444, 59.9616, 88.0274



64.3842, 59.9616, 77.9924



65.6259, 59.9616, 65.4868

Triad

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



64.3842, 59.9616, 77.9924



57.0611, 59.9616, 44.4370



50.1242, 59.9616, 77.6057

Complementary

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



64.3842, 59.9616, 77.9924



59.9311, 70.9033, 63.9564

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.



49.1501, 59.9616, 65.0896



64.3842, 59.9616, 77.9924



53.0314, 59.9616, 46.8463

Square

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



64.3842, 59.9616, 77.9924



61.2704, 59.9616, 47.0057



50.1879, 59.9616, 54.0440



52.9170, 59.9616, 87.7852

Rectangle

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



64.3842, 59.9616, 77.9924



65.1080, 59.9616, 57.7241



50.1879, 59.9616, 54.0440



49.5796, 59.9616, 73.4853

Sweetspot

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



64.3860, 59.9642, 77.9937



90.8246, 92.0164, 106.0514



56.2771, 55.7049, 81.1859



19.3177, 19.4643, 22.6155



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.



64.3860, 59.9642, 77.9937



81.0769, 73.7148, 99.1219



62.1873, 59.0848, 66.4157



14.9019, 14.5780, 17.6838



24.2245, 11.8240, 31.1407



1.8145, 0.8835, 2.4296

Inverse Universe

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



64.3860, 59.9642, 77.9937



81.0769, 73.7148, 99.1219



62.0250, 71.7408, 74.9826



14.9019, 14.5780, 17.6838



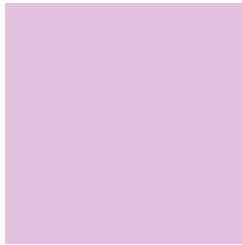
24.2245, 11.8240, 31.1407



1.8145, 0.8835, 2.4296

Previews

White Background



This preview shows how the XYZ color 64.3842, 59.9616, 77.9924 looks on a white background.

Color Contrast Check

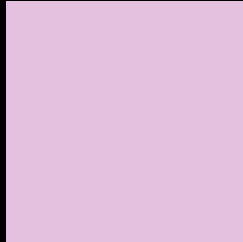
Large Text (above 18pt) WCAG AA × Fail

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 64.3842, 59.9616, 77.9924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

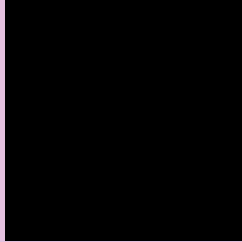
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3842, 59.9616, 77.9924

Background



This preview shows how black text looks on a background with the XYZ color 64.3842, 59.9616, 77.9924.



This preview shows how white text looks on a background with the XYZ color 64.3842, 59.9616,

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

64.3842, 59.9616, 77.9924

Protanopia

59.0828, 60.1776, 82.6302

Deuteranopia

61.4032, 60.1092, 77.4732



Tritanopia

62.5120, 59.8521, 69.2306

Trichromacy



Original Color

64.3842, 59.9616, 77.9924

Protanomaly

60.8669, 60.0945, 81.0644

Deuteranomaly

62.4399, 59.9694, 77.3916

Tritanomaly

63.2361, 59.8208, 72.5036

Monochromacy



Original Color

64.3842, 59.9616, 77.9924

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.1551, 61.4922, 71.5968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3842, 59.9616, 77.9924 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(228, 193, 223)` looks like.

```
.text, #text, p{  
    color:rgb(228, 193, 223)  
}
```

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(228, 193, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 193, 223) }
```

Border

The CSS property to change the border of an element to XYZ 64.3842, 59.9616, 77.9924 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(228, 193, 223) }
```


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

```
.border{ border-color:rgb(228, 193, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 193, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 193, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 193, 223);  
box-shadow:4px 4px 4px 4px rgb(228, 193,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3842, 59.9616, 77.9924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 193, 223) }
```

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

```
.background{ background-color: rgb(228,  
193, 223) }
```

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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