

Converting Colors

XYZ(64.3562, 60.6118, 77.7552)

Have a look what the booklet for
XYZ(64.3562, 60.6118, 77.7552)
contains.

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Color

**XYZ(64.3785, 60.6350,
77.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C3DE
RGB	227, 195, 222
RGB Percent	89%, 76%, 87%
CMY	0.1098, 0.2353, 0.1294
CMYK	0.00, 0.14, 0.02, 0.11
HSL	309°, 36%, 83%
HSV	309°, 14%, 89%
XYZ	64.3785, 60.6350, 77.4179
YIQ	207.6460, 10.4050, 15.1810

Conversions

Conversions Part 2

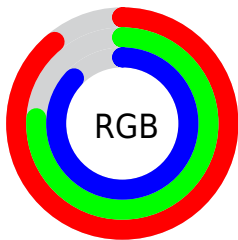
Format	Color
R _Y B	227, 195, 222
Decimal	14926814
CIE Lab	82.18, 15.91, -9.23
CIE LCh	82, 18.391, 329.883
Yxy	60.6350, 0.3180, 0.2995
Android (android.graphics.Color)	4293116894 (0xFFE3C3DE)
YUV	207.6460, 7.0765, 16.9735
Hunter-Lab	77.8685, 11.3067, -4.4390

Details

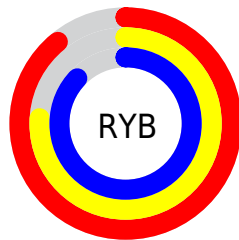
The XYZ color **64.3785, 60.6350, 77.4179** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.4024, 70.7122, 65.1121**, and the grayscale version is **59.6775, 62.7854, 68.3733**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **33.2945, 30.4977, 40.6911** is the 20% darker color. If you saturate the color by 10%, you get **59.2041, 51.0382, 73.3725**, and if you desaturate by 10%, it is **70.3397, 71.7875, 81.7764**.

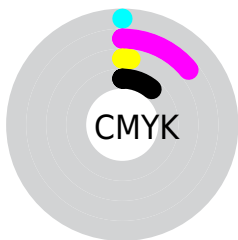
Distribution



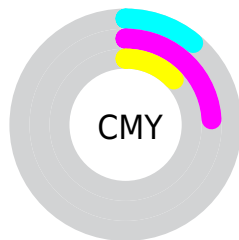
- Red (89%)
- Green (76%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3785, 60.6350, 77.4179 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 64.3785, 60.6350, 77.4179 by changing the saturation by 10% instead.

64.3785, 60.6350,
77.4179

64.3785, 60.6350,
77.4179

430.1358,
426.9344, 505.6631

47.2201, 43.9307,
57.0823

110.2266,
105.7503, 131.5076

33.4184, 30.6160,
40.6615

139.6469,
134.9300, 166.0988

22.6079, 20.3066,
27.7370

173.8854,
169.0370, 206.2790

14.4234, 12.6181,
17.8902

213.3072,
208.4556, 252.4667

8.4994, 7.1661,
10.7026

258.2778,
253.5702, 305.0804

4.4706, 3.5662,
5.7555

309.1626,

1.9717, 1.4340,

304.7653, 364.5387

2.6306

366.3268,
362.4253, 431.2601

■ 0.6180, 0.2416,
0.9082

■ 0.0000, 0.0000,
0.0000

■ 64.3785, 60.6350,
77.4179

■ 64.3785, 60.6350,
77.4179

■ 59.2041, 51.0382,
73.3725

■ 70.3397, 71.7875,
81.7764

■ 54.7761, 42.9194,
69.6242

■ 77.1149, 84.5528,
86.4551

■ 51.0590, 36.2064,
66.1617

■ 82.0961, 93.7140,
90.5858

■ 48.0120, 30.8178,
62.9710

■ 82.6071, 93.9184,
93.2767

45.5899, 26.6636,
60.0367

83.1284, 94.1269,
96.0215

43.7423, 23.6427,
57.3418

83.6599, 94.3395,
98.8206

42.4105, 21.6382,
54.8664

84.2018, 94.5563,
101.6742

41.5234, 20.5075,
52.5864

84.7541, 94.7772,
104.5827

41.1411, 20.1160,
51.3093

85.3169, 95.0023,
107.5463

Harmonies

Analogous

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



61.4569, 60.6350, 86.4916



64.3785, 60.6350, 77.4179



65.4767, 60.6350, 66.0652

Triad

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



64.3785, 60.6350, 77.4179



57.6471, 60.6350, 46.7558



51.3594, 60.6350, 77.3333

Complementary

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



64.3785, 60.6350, 77.4179



60.4024, 70.7122, 65.1121

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.



50.4399, 60.6350, 65.9773



64.3785, 60.6350, 77.4179



53.9687, 60.6350, 49.0659

Square

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



64.3785, 60.6350, 77.4179



61.4847, 60.6350, 49.1020



51.3736, 60.6350, 55.8017



53.9432, 60.6350, 86.4390

Rectangle

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



64.3785, 60.6350, 77.4179



64.9902, 60.6350, 58.9698



51.3736, 60.6350, 55.8017



50.8508, 60.6350, 73.6135

Sweetspot

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



64.3803, 60.6376, 77.4192



91.6263, 93.5616, 106.4980



57.1488, 56.8311, 80.6316



19.4781, 19.7751, 22.6999



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.



64.3803, 60.6376, 77.4192



81.6744, 74.9635, 99.1552



62.3607, 59.8298, 66.7840



14.8932, 14.5745, 17.6382



24.0289, 11.7458, 30.1110



1.8018, 0.8784, 2.3630

Inverse Universe

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



64.3803, 60.6376, 77.4192



81.6744, 74.9635, 99.1552



62.3457, 71.4895, 75.3450



14.8932, 14.5745, 17.6382



24.0289, 11.7458, 30.1110



1.8018, 0.8784, 2.3630

Previews

White Background



This preview shows how the XYZ color 64.3785, 60.6350, 77.4179 looks on a white background.

Color Contrast Check

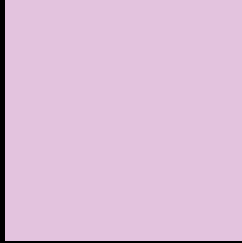
Large Text (above 18pt) WCAG AA × Fail

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 64.3785, 60.6350, 77.4179 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

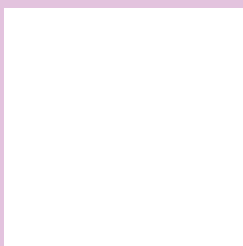
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3785, 60.6350, 77.4179

Background



This preview shows how black text looks on a background with the XYZ color 64.3785, 60.6350, 77.4179.



This preview shows how white text looks on a background with the XYZ color 64.3785, 60.6350,

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

64.3785, 60.6350, 77.4179

Protanopia

59.5782, 60.8145, 81.2713

Deuteranopia

62.0898, 60.8190, 76.8734



Tritanopia

63.2139, 60.8547, 70.7018

Trichromacy



Original Color

64.3785, 60.6350, 77.4179

Protanomaly

61.1089, 60.5937, 79.7091

Deuteranomaly

63.0640, 60.9808, 76.8532

Tritanomaly

63.4986, 60.6065, 73.3172

Monochromacy



Original Color

64.3785, 60.6350, 77.4179

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.3905, 61.9630, 71.6752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3785, 60.6350, 77.4179 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, 195, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 222)  
}
```

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, 195, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 222) }
```

Border

The CSS property to change the border of an element to XYZ 64.3785, 60.6350, 77.4179 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, 195, 222) }
```


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

```
.border{ border-color:rgb(227, 195, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 195, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 195, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 195, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 195,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3785, 60.6350, 77.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 222) }
```

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

```
.background{ background-color: rgb(227,  
195, 222) }
```

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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