

Converting Colors

XYZ(64.9596, 60.2007, 79.5248)

Have a look what the booklet for
XYZ(64.9596, 60.2007, 79.5248)
contains.

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Color

**XYZ(64.9737, 60.2342,
79.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C1E1
RGB	229, 193, 225
RGB Percent	90%, 76%, 88%
CMY	0.1020, 0.2431, 0.1176
CMYK	0.00, 0.16, 0.02, 0.10
HSL	307°, 41%, 83%
HSV	307°, 16%, 90%
XYZ	64.9737, 60.2342, 79.4360
YIQ	207.4120, 11.1840, 17.5840

Conversions

Conversions Part 2

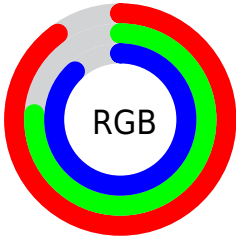
Format	Color
R _Y B	229, 193, 225
Decimal	15057377
CIE Lab	81.97, 18.19, -11.14
CIE LCh	82, 21.332, 328.519
Yxy	60.2342, 0.3175, 0.2943
Android (android.graphics.Color)	4293247457 (0xFFE5C1E1)
YUV	207.4120, 8.6709, 18.9327
Hunter-Lab	77.6107, 13.6169, -6.3569

Details

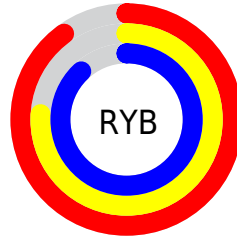
The XYZ color **64.9737, 60.2342, 79.4360** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.0921, 71.4091, 63.4428**, and the grayscale version is **59.5161, 62.6156, 68.1884**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **33.7219, 30.2518, 42.0920** is the 20% darker color. If you saturate the color by 10%, you get **59.9541, 50.7456, 76.0632**, and if you desaturate by 10%, it is **70.7859, 71.2978, 83.0999**.

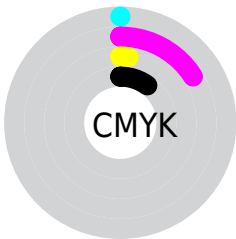
Distribution



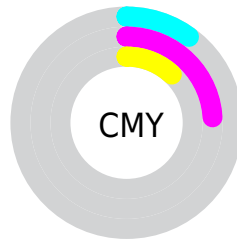
- Red (90%)
- Green (76%)
- Blue (88%)



- Red (90%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9737, 60.2342, 79.4360 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 64.9737, 60.2342, 79.4360 by changing the saturation by 10% instead.

64.9737, 60.2342,
79.4360

64.9737, 60.2342,
79.4360

432.2442,
425.4605, 512.6866

47.7044, 43.6074,
58.7309

111.0780,
105.1693, 134.3767

33.8031, 30.3620,
41.9780

140.6436,
134.2465, 169.4494

22.9046, 20.1135,
28.7586

175.0388,
168.2426, 210.1484

14.6434, 12.4776,
18.6543

214.6287,
207.5419, 256.8922

8.6542, 7.0698,
11.2465

259.7789,
252.5290, 310.0994

4.5716, 3.5058,
6.1166

310.8546,

2.0303, 1.4012,

303.5882, 370.1885

2.8462

368.2213,
361.1039, 437.5781

■ 0.6509, 0.2176,
1.0166

■ 0.0000, 0.0000,
0.0000

■ 64.9737, 60.2342,
79.4360

■ 64.9737, 60.2342,
79.4360

■ 59.9541, 50.7456,
76.0632

■ 70.7859, 71.2978,
83.0999

■ 55.6857, 42.7521,
72.9656

■ 77.4189, 83.9958,
87.0624

■ 52.1316, 36.1789,
70.1313

■ 82.7296, 94.0407,
90.6098

■ 49.2494, 30.9415,
67.5463

■ 83.0952, 94.1869,
92.5347

46.9925, 26.9464,
65.1947

83.4660, 94.3352,
94.4874

45.3081, 24.0882,
63.0590

83.8421, 94.4857,
96.4678

44.1346, 22.2438,
61.1184

84.2235, 94.6382,
98.4763

43.3962, 21.2616,
59.3477

84.6102, 94.7929,
100.5127

43.1590, 20.9964,
58.6234

85.0022, 94.9497,
102.5773

Harmonies

Analogous

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



61.4942, 60.2342, 89.9312



64.9737, 60.2342, 79.4360



66.3699, 60.2342, 66.2291

Triad

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



64.9737, 60.2342, 79.4360



57.4753, 60.2342, 43.7482



49.9604, 60.2342, 78.1789

Complementary

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



64.9737, 60.2342, 79.4360



60.0921, 71.4091, 63.4428

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.



49.0078, 60.2342, 64.9447



64.9737, 60.2342, 79.4360



53.2073, 60.2342, 46.0842

Square

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



64.9737, 60.2342, 79.4360



61.9024, 60.2342, 46.5936



50.1655, 60.2342, 53.4453



52.8383, 60.2342, 89.1409

Rectangle

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



64.9737, 60.2342, 79.4360



65.8785, 60.2342, 58.0045



50.1655, 60.2342, 53.4453



49.4113, 60.2342, 73.7983

Sweetspot

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



64.9755, 60.2368, 79.4373



90.8893, 92.0423, 106.3918



56.1368, 55.6165, 81.9062



19.3335, 19.4706, 22.6984



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.



64.9755, 60.2368, 79.4373



80.6390, 72.5459, 99.8794



62.6966, 59.3253, 67.4371



14.9225, 14.5862, 17.7922



24.7038, 12.0157, 33.6649



1.8453, 0.8958, 2.5919

Inverse Universe

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



64.9755, 60.2368, 79.4373



80.6390, 72.5459, 99.8794



62.2282, 72.2635, 74.6913



14.9225, 14.5862, 17.7922



24.7038, 12.0157, 33.6649



1.8453, 0.8958, 2.5919

Previews

White Background



This preview shows how the XYZ color 64.9737, 60.2342, 79.4360 looks on a white background.

Color Contrast Check

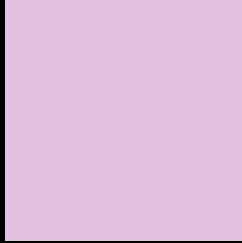
Large Text (above 18pt) WCAG AA × Fail

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 64.9737, 60.2342, 79.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

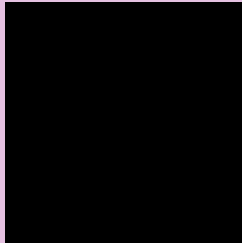
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9737, 60.2342, 79.4360

Background



This preview shows how black text looks on a background with the XYZ color 64.9737, 60.2342, 79.4360.



This preview shows how white text looks on a background with the XYZ color 64.9737, 60.2342,

79.4360.

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

64.9737, 60.2342, 79.4360

Protanopia

59.3638, 60.2899, 84.1096

Deuteranopia

61.6730, 60.2171, 78.8935



Tritanopia

62.9515, 60.0643, 69.9037

Trichromacy



Original Color

64.9737, 60.2342, 79.4360

Protanomaly

61.4302, 60.3529, 82.5403

Deuteranomaly

62.7097, 60.0773, 78.8119

Tritanomaly

63.6814, 60.0354, 73.1974

Monochromacy



Original Color

64.9737, 60.2342, 79.4360

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.2825, 61.5432, 72.2674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9737, 60.2342, 79.4360 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(229, 193, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 193, 225)  
}
```

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(229, 193, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 193, 225) }
```

Border

The CSS property to change the border of an element to XYZ 64.9737, 60.2342, 79.4360 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(229, 193, 225) }
```


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

```
.border{ border-color:rgb(229, 193, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 193, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 193, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 193, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 193,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9737, 60.2342, 79.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 193, 225) }
```

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

```
.background{ background-color: rgb(229,  
193, 225) }
```

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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