

Converting Colors

XYZ(67.2923, 63.6482, 79.2050)

Have a look what the booklet for
XYZ(67.2923, 63.6482, 79.2050)
contains.

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Color

**XYZ(67.3875, 63.8462,
79.2928)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C8E0
RGB	232, 200, 224
RGB Percent	91%, 78%, 88%
CMY	0.0902, 0.2157, 0.1216
CMYK	0.00, 0.14, 0.03, 0.09
HSL	315°, 41%, 85%
HSV	315°, 14%, 91%
XYZ	67.3875, 63.8462, 79.2928
YIQ	212.3040, 11.3680, 14.2480

Conversions

Conversions Part 2

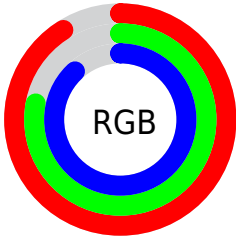
Format	Color
R _Y B	232, 200, 224
Decimal	15255776
CIE Lab	83.89, 15.30, -7.72
CIE LCh	84, 17.141, 333.228
Yxy	63.8462, 0.3201, 0.3033
Android (android.graphics.Color)	4293445856 (0xFFE8C8E0)
YUV	212.3040, 5.7661, 17.2734
Hunter-Lab	79.9038, 10.7077, -2.9039

Details

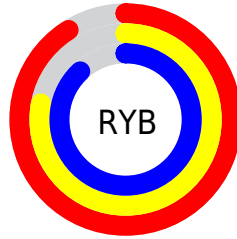
The XYZ color **67.3875, 63.8462, 79.2928** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0637, 74.5483, 70.6908**, and the grayscale version is **62.7406, 66.0080, 71.8827**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3448, 32.6524, 41.9758** is the 20% darker color. If you saturate the color by 10%, you get **61.6440, 53.5959, 73.5633**, and if you desaturate by 10%, it is **73.9769, 75.7434, 85.4381**.

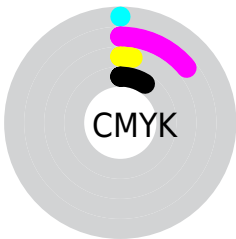
Distribution



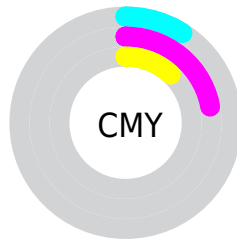
- Red (91%)
- Green (78%)
- Blue (88%)



- Red (91%)
- Yellow (78%)
- Blue (88%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3875, 63.8462, 79.2928 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 67.3875, 63.8462, 79.2928 by changing the saturation by 10% instead.

67.3875, 63.8462,
79.2928

67.3875, 63.8462,
79.2928

440.7337,
438.6340, 512.1901

49.6715, 46.5261,
58.6138

114.5222,
110.3894, 134.1734

35.3691, 32.6612,
41.8844

144.6716,
140.3813, 169.2121

24.1152, 21.8670,
28.6859

179.6961,
175.3660, 209.8745

15.5443, 13.7592,
18.5998

219.9612,
215.7277, 256.5790

9.2911, 7.9534,
11.2076

265.8321,
261.8510, 309.7443

4.9901, 4.0651,
6.0907

317.6743,

2.2762, 1.7101,

314.1203, 369.7889

2.8306

375.8530,
372.9198, 437.1313

■ 0.7824, 0.4302,
1.0088

■ 0.0000, 0.0000,
0.0000

■ 67.3875, 63.8462,
79.2928

■ 67.3875, 63.8462,
79.2928

■ 61.6440, 53.5959,
73.5633

■ 73.9769, 75.7434,
85.4381

■ 56.7038, 44.9108,
68.2321

■ 81.4411, 89.3477,
92.0081

■ 52.5292, 37.7147,
63.2858

■ 84.9766, 95.0510,
97.4034

■ 49.0771, 31.9217,
58.7088

■ 85.8592, 95.4040,
102.0507

46.2998, 27.4374,
54.4839

86.7695, 95.7682,
106.8447

44.1441, 24.1554,
50.5919

87.0891, 95.8960,
108.5274

42.5481, 21.9525,
47.0107

41.4369, 20.6792,
43.7141

40.9184, 20.2117,
41.7856

Harmonies

Analogous

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



64.7428, 63.8462, 88.3665



67.3875, 63.8462, 79.2928



68.2116, 63.8462, 68.3552

Triad

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



67.3875, 63.8462, 79.2928



60.2766, 63.8462, 50.7847



54.8208, 63.8462, 81.5237

Complementary

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



67.3875, 63.8462, 79.2928



64.0637, 74.5483, 70.6908

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.



53.7314, 63.8462, 70.6932



67.3875, 63.8462, 79.2928



56.7983, 63.8462, 53.5600

Square

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



67.3875, 63.8462, 79.2928



64.0074, 63.8462, 52.5835



54.4403, 63.8462, 60.5808



57.4774, 63.8462, 89.7453

Rectangle

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



67.3875, 63.8462, 79.2928



67.5908, 63.8462, 61.6483



54.4403, 63.8462, 60.5808



54.2643, 63.8462, 78.0297

Sweetspot

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



67.3894, 63.8490, 79.2942



91.4740, 93.5007, 105.6958



61.2349, 60.5479, 84.8043



19.4395, 19.7596, 22.4963



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.



67.3894, 63.8490, 79.2942



81.0497, 74.7136, 95.8656



65.3204, 63.0214, 68.3989



14.8330, 14.5504, 17.3212



22.7690, 11.2418, 23.4763



1.7191, 0.8454, 1.9274

Inverse Universe

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



67.3894, 63.8490, 79.2942



81.0497, 74.7136, 95.8656



66.1327, 75.3760, 81.5861



14.8330, 14.5504, 17.3212



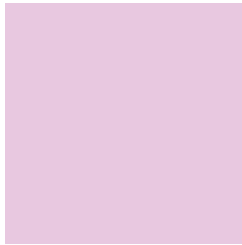
22.7690, 11.2418, 23.4763



1.7191, 0.8454, 1.9274

Previews

White Background



This preview shows how the XYZ color 67.3875, 63.8462, 79.2928 looks on a white background.

Color Contrast Check

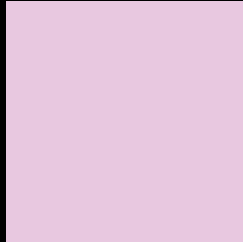
Large Text (above 18pt) WCAG AA × Fail

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 67.3875, 63.8462, 79.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

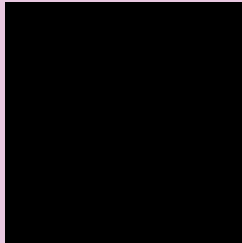
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3875, 63.8462, 79.2928

Background



This preview shows how black text looks on a background with the XYZ color 67.3875, 63.8462, 79.2928.



This preview shows how white text looks on a background with the XYZ color 67.3875, 63.8462,

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

67.3875, 63.8462, 79.2928

Protanopia

62.4309, 64.0343, 83.1981

Deuteranopia

65.1066, 63.7276, 78.6812



Tritanopia

66.3660, 63.7720, 74.4570

Trichromacy



Original Color

67.3875, 63.8462, 79.2928

Protanomaly

64.0154, 63.8076, 81.6152

Deuteranomaly

65.8038, 63.7375, 78.6464

Tritanomaly

66.7599, 63.9295, 76.5312

Monochromacy



Original Color

67.3875, 63.8462, 79.2928

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.1640, 65.1297, 74.1552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3875, 63.8462, 79.2928 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(232, 200, 224)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 224)  
}
```

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(232, 200, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.3875, 63.8462, 79.2928 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(232, 200, 224) }
```


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

```
.border{ border-color:rgb(232, 200, 224) }
```

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

Here you see how a box with a 4 pixel rgb(232, 200, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 200, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 200, 224);  
box-shadow:4px 4px 4px 4px rgb(232, 200,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3875, 63.8462, 79.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 224) }
```

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

```
.background{ background-color: rgb(232,  
200, 224) }
```

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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