

Converting Colors

XYZ(67.3444, 63.1573, 79.2343)

Have a look what the booklet for
XYZ(67.3444, 63.1573, 79.2343)
contains.

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Color

**XYZ(67.2529, 63.0936,
79.1547)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C6E0
RGB	233, 198, 224
RGB Percent	91%, 78%, 88%
CMY	0.0863, 0.2235, 0.1216
CMYK	0.00, 0.15, 0.04, 0.09
HSL	315°, 44%, 85%
HSV	315°, 15%, 91%
XYZ	67.2529, 63.0936, 79.1547
YIQ	211.4290, 12.5140, 15.5060

Conversions

Conversions Part 2

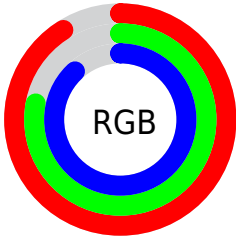
Format	Color
R _Y B	233, 198, 224
Decimal	15320800
CIE Lab	83.49, 16.70, -8.30
CIE LCh	83, 18.651, 333.591
Yxy	63.0936, 0.3210, 0.3012
Android (android.graphics.Color)	4293510880 (0xFFE9C6E0)
YUV	211.4290, 6.1975, 18.9178
Hunter-Lab	79.4315, 12.1270, -3.4814

Details

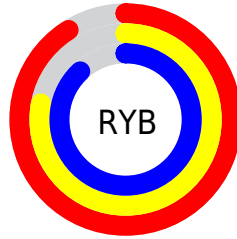
The XYZ color **67.2529, 63.0936, 79.1547** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.6925, 74.7903, 70.1140**, and the grayscale version is **62.1566, 65.3935, 71.2136**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2662, 32.1582, 41.8845** is the 20% darker color. If you saturate the color by 10%, you get **61.5335, 52.9316, 73.3096**, and if you desaturate by 10%, it is **73.8239, 74.9110, 85.4265**.

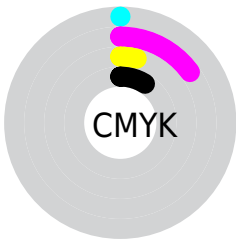
Distribution



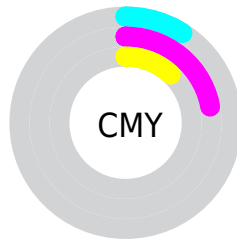
- Red (91%)
- Green (78%)
- Blue (88%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2529, 63.0936, 79.1547 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 67.2529, 63.0936, 79.1547 by changing the saturation by 10% instead.

67.2529, 63.0936,
79.1547

67.2529, 63.0936,
79.1547

440.2628,
435.9091, 511.7110

49.5616, 45.9169,
58.5009

114.3305,
109.3045, 133.9773

35.2816, 32.1803,
41.7941

144.4476,
139.1076, 168.9832

24.0474, 21.4992,
28.6158

179.4373,
173.8882, 209.6102

15.4937, 13.4894,
18.5473

219.6650,
214.0309, 256.2768

9.2552, 7.7664,
11.1701

265.4960,
259.9199, 309.4017

4.9664, 3.9458,
6.0658

317.2957,

2.2621, 1.6433,

311.9397, 369.4033

2.8157

375.4296,
370.4746, 436.7002

0.7752, 0.3865,
1.0013

0.0000, 0.0000,
0.0000

67.2529, 63.0936,
79.1547

67.2529, 63.0936,
79.1547

61.5335, 52.9316,
73.3096

73.8239, 74.9110,
85.4265

56.6224, 44.3420,
67.8731

81.2762, 88.4456,
92.1340

52.4812, 37.2470,
62.8317

85.3884, 95.2533,
97.8722

49.0656, 31.5590,
58.1690

86.3033, 95.6193,
102.6902

■ 46.3269, 27.1809,
53.8675

■ 87.2481, 95.9972,
107.6650

■ 44.2104, 24.0036,
49.9073

■ 87.4147, 96.0639,
108.5427

■ 42.6522, 21.9000,
46.2655

■ 41.5742, 20.7144,
42.9146

■ 41.1553, 20.3441,
41.3333

Harmonies

Analogous

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



64.4025, 63.0936, 89.1063



67.2529, 63.0936, 79.1547



68.1214, 63.0936, 67.3043

Triad

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



67.2529, 63.0936, 79.1547



59.4799, 63.0936, 48.6729



53.6841, 63.0936, 81.8566

Complementary

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



67.2529, 63.0936, 79.1547



63.6925, 74.7903, 70.1140

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.



52.4936, 63.0936, 70.1113



67.2529, 63.0936, 79.1547



55.7430, 63.0936, 51.6714

Square

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



67.2529, 63.0936, 79.1547



63.5164, 63.0936, 50.5194



53.2302, 63.0936, 59.2057



56.5554, 63.0936, 90.7859

Rectangle

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



67.2529, 63.0936, 79.1547



67.4286, 63.0936, 60.1149



53.2302, 63.0936, 59.2057



53.0801, 63.0936, 78.0620

Sweetspot

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



67.2547, 63.0964, 79.1561



90.5931, 91.9238, 104.8322



60.5670, 59.5039, 85.3850



19.2613, 19.4417, 22.3184



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.



67.2547, 63.0964, 79.1561



80.2723, 73.3929, 94.8845



65.0325, 62.2075, 67.4538



15.5397, 15.2438, 18.1276



23.4050, 11.5647, 23.7320



1.8765, 0.9236, 2.0671

Inverse Universe

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



67.2547, 63.0964, 79.1561



80.2723, 73.3929, 94.8845



65.9182, 75.6806, 81.8341



15.5397, 15.2438, 18.1276



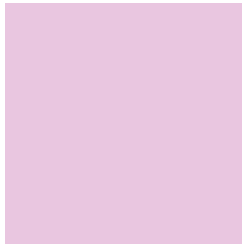
23.4050, 11.5647, 23.7320



1.8765, 0.9236, 2.0671

Previews

White Background



This preview shows how the XYZ color 67.2529, 63.0936, 79.1547 looks on a white background.

Color Contrast Check

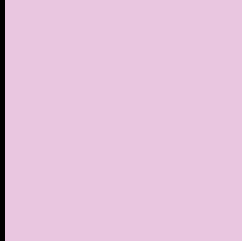
Large Text (above 18pt) WCAG AA × Fail

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 67.2529, 63.0936, 79.1547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

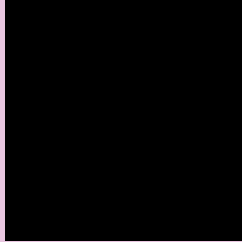
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2529, 63.0936, 79.1547

Background



This preview shows how black text looks on a background with the XYZ color 67.2529, 63.0936, 79.1547.



This preview shows how white text looks on a background with the XYZ color 67.2529, 63.0936,

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

67.2529, 63.0936, 79.1547

Protanopia

61.9093, 63.4046, 83.1041

Deuteranopia

64.5640, 63.0984, 78.5884



Tritanopia

65.9679, 62.9089, 72.9557

Trichromacy



Original Color

67.2529, 63.0936, 79.1547

Protanomaly

63.7769, 63.3307, 81.5357

Deuteranomaly

65.5700, 63.2698, 78.5684

Tritanomaly

66.3570, 63.0646, 75.0050

Monochromacy



Original Color

67.2529, 63.0936, 79.1547

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.6794, 64.1606, 73.9937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2529, 63.0936, 79.1547 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(233, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 198, 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(233, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 198, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.2529, 63.0936, 79.1547 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(233, 198, 224) }
```


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

```
.border{ border-color:rgb(233, 198, 224) }
```

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

Here you see how a box with a 4 pixel rgb(233, 198, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 198,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2529, 63.0936, 79.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 198, 224) }
```

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

```
.background{ background-color: rgb(233,  
198, 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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