

Converting Colors

XYZ(69.6118, 63.5805, 80.0518)

Have a look what the booklet for
XYZ(69.6118, 63.5805, 80.0518)
contains.

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Color

**XYZ(69.6062, 63.6169,
79.8448)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C4E1
RGB	241, 196, 225
RGB Percent	95%, 77%, 88%
CMY	0.0549, 0.2314, 0.1176
CMYK	0.00, 0.19, 0.07, 0.05
HSL	321°, 62%, 86%
HSV	321°, 19%, 95%
XYZ	69.6062, 63.6169, 79.8448
YIQ	212.7610, 17.5110, 18.5590

Conversions

Conversions Part 2

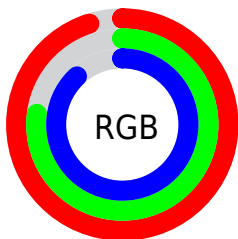
Format	Color
R _Y B	241, 196, 225
Decimal	15844577
CIE Lab	83.77, 20.66, -8.34
CIE LCh	84, 22.281, 338.008
Yxy	63.6169, 0.3267, 0.2986
Android (android.graphics.Color)	4294034657 (0xFFFF1C4E1)
YUV	212.7610, 6.0338, 24.7656
Hunter-Lab	79.7602, 16.1954, -3.5207

Details

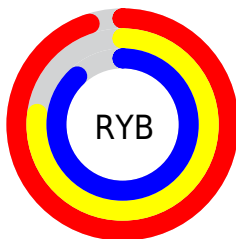
The XYZ color **69.6062, 63.6169, 79.8448** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.1065, 79.4016, 74.1330**, and the grayscale version is **63.0406, 66.3236, 72.2264**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **36.9363, 32.5626, 42.3687** is the 20% darker color. If you saturate the color by 10%, you get **63.4612, 53.1503, 72.1729**, and if you desaturate by 10%, it is **76.6868, 75.8588, 88.1196**.

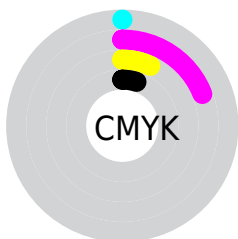
Distribution



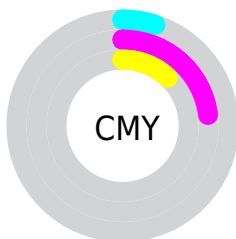
- Red (95%)
- Green (77%)
- Blue (88%)



- Red (95%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6062, 63.6169, 79.8448 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 69.6062, 63.6169, 79.8448 by changing the saturation by 10% instead.

69.6062, 63.6169,
79.8448

69.6062, 63.6169,
79.8448

448.4541,
437.8049, 514.1026

51.4840, 46.3405,
59.0652

117.6763,
110.0590, 134.9569

36.8165, 32.5146,
42.2453

148.3550,
139.9935, 170.1266

25.2385, 21.7548,
28.9664

183.9498,
174.9161, 210.9300

16.3845, 13.6769,
18.8100

224.8261,
215.2112, 257.7857

9.8892, 7.8963,
11.3577

271.3494,
261.2633, 311.1123

5.3873, 4.0286,
6.1908

323.8849,

2.5133, 1.6896,

313.4566, 371.3283

2.8908

382.7980,
372.1757, 438.8522

0.9020, 0.4169,
1.0391

0.0000, 0.0000,
0.0000

69.6062, 63.6169,
79.8448

69.6062, 63.6169,
79.8448

63.4612, 53.1503,
72.1729

76.6868, 75.8588,
88.1196

58.2036, 44.3671,
65.0813

84.7369, 89.9456,
97.0105

53.7896, 37.1796,
58.5520

89.4031, 97.1678,
105.0710

50.1689, 31.4891,
52.5638

90.0861, 97.4410,
108.6677

■ 47.2858, 27.1856,
47.0936

■ 45.0770, 24.1439,
42.1158

■ 43.4677, 22.2160,
37.6005

■ 42.3492, 21.1859,
33.5067

■ 42.2180, 21.0778,
32.9874

Harmonies

Analogous

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



66.4400, 63.6169, 92.7151



69.6062, 63.6169, 79.8448



70.2587, 63.6169, 65.5854

Triad

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



69.6062, 63.6169, 79.8448



59.1660, 63.6169, 45.8860



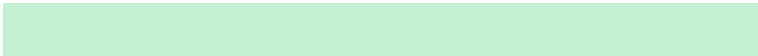
53.3587, 63.6169, 87.2001

Complementary

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



69.6062, 63.6169, 79.8448



66.1065, 79.4016, 74.1330

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.



51.6282, 63.6169, 73.0859



69.6062, 63.6169, 79.8448



54.8612, 63.6169, 50.1501

Square

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



69.6062, 63.6169, 79.8448



64.0543, 63.6169, 47.1870



52.1631, 63.6169, 59.6691



57.0142, 63.6169, 97.3444

Rectangle

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



69.6062, 63.6169, 79.8448



69.1493, 63.6169, 57.3811



52.1631, 63.6169, 59.6691



52.5418, 63.6169, 82.6926

Sweetspot

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



69.6081, 63.6197, 79.8462



89.4981, 90.2782, 102.7891



62.6991, 59.7939, 91.4569



19.0322, 19.1067, 21.8620



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.



69.6081, 63.6197, 79.8462



76.6432, 68.0620, 87.7339



66.7676, 62.4835, 64.8884



16.2018, 15.9304, 18.6186



22.9602, 11.4565, 18.2386



1.9572, 0.9719, 1.7657

Inverse Universe

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



69.6081, 63.6197, 79.8462



76.6432, 68.0620, 87.7339



69.1096, 80.6029, 89.9473



16.2018, 15.9304, 18.6186



22.9602, 11.4565, 18.2386



1.9572, 0.9719, 1.7657

Previews

White Background



This preview shows how the XYZ color 69.6062, 63.6169, 79.8448 looks on a white background.

Color Contrast Check

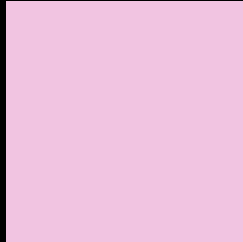
Large Text (above 18pt) WCAG AA × Fail

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 69.6062, 63.6169, 79.8448 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 69.6062, 63.6169, 79.8448

Background



This preview shows how black text looks on a background with the XYZ color 69.6062, 63.6169, 79.8448.



This preview shows how white text looks on a background with the XYZ color 69.6062, 63.6169,

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

69.6062, 63.6169, 79.8448

Protanopia

62.5750, 64.0598, 85.4106

Deuteranopia

65.2419, 63.7817, 79.3935



Tritanopia

67.8009, 63.5430, 71.6423

Trichromacy



Original Color

69.6062, 63.6169, 79.8448

Protanomaly

64.9491, 63.9029, 83.0401

Deuteranomaly

66.7419, 63.5134, 79.2626

Tritanomaly

68.4258, 63.4675, 74.2897

Monochromacy



Original Color

69.6062, 63.6169, 79.8448

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.2686, 65.3234, 74.8143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6062, 63.6169, 79.8448 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(241, 196, 225)` looks like.

```
.text, #text, p{  
    color:rgb(241, 196, 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(241, 196, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 196, 225) }
```

Border

The CSS property to change the border of an element to XYZ 69.6062, 63.6169, 79.8448 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(241, 196, 225) }
```


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

```
.border{ border-color:rgb(241, 196, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 196, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 196, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 196, 225);  
box-shadow:4px 4px 4px 4px rgb(241, 196,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6062, 63.6169, 79.8448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 196, 225) }
```

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

```
.background{ background-color: rgb(241,  
196, 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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