

Converting Colors

XYZ(70.3959, 67.1308, 90.9394)

Have a look what the booklet for
XYZ(70.3959, 67.1308, 90.9394)
contains.

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Color

**XYZ(70.6063, 67.3635,
90.9425)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CEEF
RGB	231, 206, 239
RGB Percent	91%, 81%, 94%
CMY	0.0941, 0.1921, 0.0627
CMYK	0.03, 0.14, 0.00, 0.06
HSL	285°, 51%, 87%
HSV	285°, 14%, 94%
XYZ	70.6063, 67.3635, 90.9425
YIQ	217.2370, 4.3070, 15.5630

Conversions

Conversions Part 2

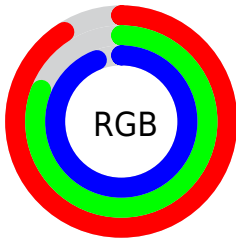
Format	Color
R _Y B	231, 206, 239
Decimal	15191791
CIE Lab	85.69, 14.53, -13.03
CIE LCh	86, 19.512, 318.114
Yxy	67.3635, 0.3084, 0.2943
Android (android.graphics.Color)	4293381871 (0xFFE7CEEF)
YUV	217.2370, 10.7292, 12.0702
Hunter-Lab	82.0753, 9.9252, -8.2429

Details

The XYZ color **70.6063, 67.3635, 90.9425** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.7410, 80.4871, 70.2556**, and the grayscale version is **66.0442, 69.4836, 75.6676**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4547, 34.9893, 49.5793** is the 20% darker color. If you saturate the color by 10%, you get **63.4457, 55.7719, 89.0835**, and if you desaturate by 10%, it is **78.7077, 80.7424, 93.0989**.

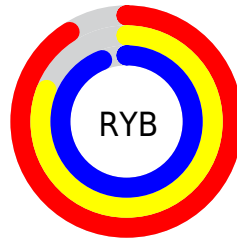
Distribution



Red (91%)

Green (81%)

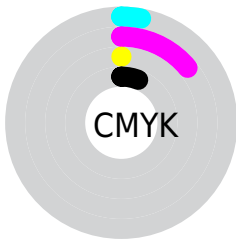
Blue (94%)



Red (91%)

Yellow (81%)

Blue (94%)

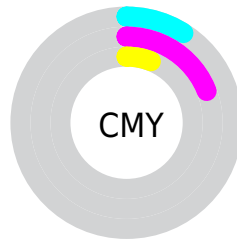


Cyan (3%)

Magenta (14%)

Yellow (0%)

Black (6%)



Cyan (9%)

Magenta (19%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.6063, 67.3635, 90.9425 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 70.6063, 67.3635, 90.9425 by changing the saturation by 10% instead.

70.6063, 67.3635,
90.9425

70.6063, 67.3635,
90.9425

451.9093,
451.2376, 551.7410

52.3024, 49.3801,
68.1845

119.0945,
115.4411, 150.5938

37.4714, 34.9211,
49.5802

150.0095,
146.3041, 188.3242

25.7480, 23.6021,
34.7111

185.8589,
182.2291, 231.8825

16.7669, 15.0387,
23.1587

227.0081,
223.6004, 281.6872

10.1627, 8.8466,
14.5043

273.8223,
270.8026, 338.1569

5.5701, 4.6412,
8.3295

326.6670,

2.6236, 2.0383,

324.2199, 401.7100

4.2157

385.9076,
384.2367, 472.7652

■ 0.9580, 0.6296,
1.7444

■ 0.0000, 0.0000,
0.3909

■ 70.6063, 67.3635,
90.9425

■ 70.6063, 67.3635,
90.9425

■ 63.4457, 55.7719,
89.0835

■ 78.7077, 80.7424,
93.0989

■ 57.1799, 45.8800,
87.5044

■ 87.7812, 95.9742,
95.5607

■ 51.7679, 37.6055,
86.1925

■ 90.1882, 97.7789,
95.7822

■ 47.1630, 30.8559,
85.1324

■ 92.2788, 98.8567,
95.8801

■ 43.3137, 25.5293,
84.3072

■ 92.5802, 99.0121,
95.8942

■ 40.1622, 21.5108,
83.6976

■ 37.6417, 18.6678,
83.2817

■ 35.6708, 16.8387,
83.0325

■ 34.6499, 16.0629,
82.9366

Harmonies

Analogous

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



66.7226, 67.3635, 99.1717



70.6063, 67.3635, 90.9425



72.7644, 67.3635, 78.5076

Triad

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



70.6063, 67.3635, 90.9425



65.8043, 67.3635, 51.8983



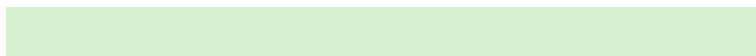
56.2389, 67.3635, 81.2280

Complementary

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



70.6063, 67.3635, 90.9425



69.7410, 80.4871, 70.2556

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.



56.0186, 67.3635, 68.4184



70.6063, 67.3635, 90.9425



61.4050, 67.3635, 52.4471

Square

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



70.6063, 67.3635, 90.9425



69.9073, 67.3635, 56.5845



57.8696, 67.3635, 58.1821



58.4860, 67.3635, 93.1315

Rectangle

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



70.6063, 67.3635, 90.9425



72.8709, 67.3635, 69.9447



57.8696, 67.3635, 58.1821



55.9293, 67.3635, 76.8587

Sweetspot

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



70.6083, 67.3664, 90.9440



90.9780, 93.1979, 107.8017



65.1462, 67.5765, 91.2724



19.3135, 19.6827, 23.0312



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.



70.6083, 67.3664, 90.9440



78.9847, 73.4531, 104.6227



72.0584, 68.2516, 84.7940



16.0580, 15.8272, 19.9302



19.2720, 8.9405, 45.8378



1.6916, 0.7893, 3.8174

Inverse Universe

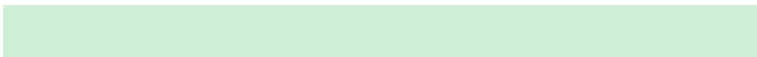
The Inverse Universe completely reimagines the original color for something new.



69.8078, 67.3513, 72.9423



77.9023, 73.4547, 79.2918



68.4920, 79.7244, 75.5671



15.9299, 15.8217, 17.1871



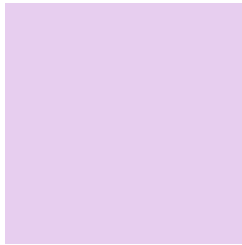
20.1358, 10.3267, 3.3656



1.7131, 0.8743, 0.4799

Previews

White Background



This preview shows how the XYZ color 70.6063, 67.3635, 90.9425 looks on a white background.

Color Contrast Check

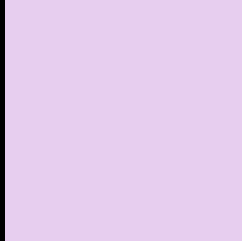
Large Text (above 18pt) WCAG AA × Fail

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 70.6063, 67.3635, 90.9425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

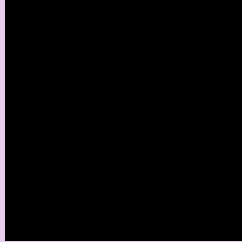
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6063, 67.3635, 90.9425

Background



This preview shows how black text looks on a background with the XYZ color 70.6063, 67.3635, 90.9425.



This preview shows how white text looks on a background with the XYZ color 70.6063, 67.3635,

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

70.6063, 67.3635, 90.9425

Protanopia

66.2664, 67.6149, 94.3524

Deuteranopia

69.1209, 67.6802, 91.0819



Tritanopia

68.4596, 67.2060, 80.5980

Trichromacy



Original Color

70.6063, 67.3635, 90.9425

Protanomaly

67.6889, 67.2557, 93.4185

Deuteranomaly

69.8144, 67.6746, 91.0442

Tritanomaly

69.2289, 67.1618, 84.1777

Monochromacy



Original Color

70.6063, 67.3635, 90.9425

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.5091, 68.5543, 80.9084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6063, 67.3635, 90.9425 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(231, 206, 239)` looks like.

```
.text, #text, p{  
    color:rgb(231, 206, 239)  
}
```

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(231, 206, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 206, 239) }
```

Border

The CSS property to change the border of an element to XYZ 70.6063, 67.3635, 90.9425 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(231, 206, 239) }
```


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

```
.border{ border-color:rgb(231, 206, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 206, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 206, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 206, 239);  
box-shadow:4px 4px 4px 4px rgb(231, 206,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6063, 67.3635, 90.9425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 206, 239) }
```

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

```
.background{ background-color: rgb(231,  
206, 239) }
```

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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