

Converting Colors

XYZ(69.8309, 61.3922, 77.4314)

Have a look what the booklet for
XYZ(69.8309, 61.3922, 77.4314)
contains.

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Color

**XYZ(69.7402, 61.4433,
77.2913)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BDDE
RGB	247, 189, 222
RGB Percent	97%, 74%, 87%
CMY	0.0314, 0.2588, 0.1294
CMYK	0.00, 0.23, 0.10, 0.03
HSL	326°, 78%, 85%
HSV	326°, 23%, 97%
XYZ	69.7402, 61.4433, 77.2913
YIQ	210.1040, 23.9750, 22.5590

Conversions

Conversions Part 2

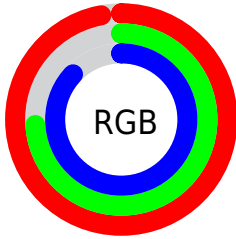
Format	Color
R _Y B	247, 189, 222
Decimal	16235998
CIE Lab	82.62, 25.90, -8.38
CIE LCh	83, 27.225, 342.069
Yxy	61.4433, 0.3345, 0.2947
Android (android.graphics.Color)	4294426078 (0xFFF7BDDE)
YUV	210.1040, 5.8647, 32.3578
Hunter-Lab	78.3858, 21.6372, -3.5921

Details

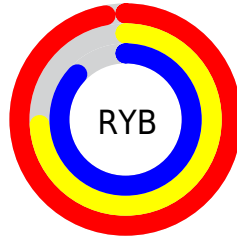
The XYZ color **69.7402, 61.4433, 77.2913** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.3871, 82.1971, 75.9888**, and the grayscale version is **61.2801, 64.4714, 70.2093**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.8742, 31.0651, 40.6119** is the 20% darker color. If you saturate the color by 10%, you get **63.4907, 51.1558, 68.3886**, and if you desaturate by 10%, it is **76.9882, 73.5819, 86.9729**.

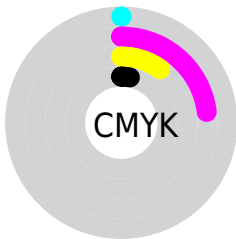
Distribution



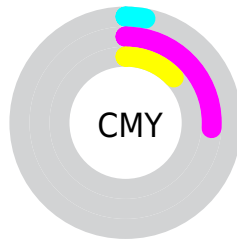
- Red (97%)
- Green (74%)
- Blue (87%)



- Red (97%)
- Yellow (74%)
- Blue (87%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7402, 61.4433, 77.2913 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 69.7402, 61.4433, 77.2913 by changing the saturation by 10% instead.


 69.7402, 61.4433,
77.2913

 69.7402, 61.4433,
77.2913


448.9179,
429.8975, 505.2207

 51.5936, 44.5830,
56.9790


 117.8665,
106.9205, 131.3274

 36.9042, 31.1291,
40.5791


148.5769,
136.3063, 165.8882

 25.3067, 20.6972,
27.6732


184.2059,
170.6360, 206.0356

 16.4356, 12.9028,
17.8425

225.1189,
210.2940, 252.1882

 9.9257, 7.3617,
10.6687

271.6812,
255.6648, 304.7645

 5.4116, 3.6893,
5.7332


324.2583,


 2.5280, 1.5013,


307.1327, 364.1829


2.6174


383.2154,
365.0822, 430.8621


 0.9094, 0.2897,
0.9014


 0.0000, 0.0000,
0.0000

 69.7402, 61.4433,
77.2913


 69.7402, 61.4433,
77.2913

 63.4907, 51.1558,
68.3886


 76.9882, 73.5819,
86.9729


 58.1868, 42.6187,
60.2369

 85.2735, 87.6491,
97.4522

 53.7788, 35.7346,
52.8120

 91.9985, 98.4465,
107.8717

 50.2101, 30.3927,
46.0865

 92.1682, 98.5144,
108.7651

■ 47.4169, 26.4689,
40.0300

■ 45.3260, 23.8194,
34.6092

■ 43.8484, 22.2694,
29.7846

■ 43.1307, 21.6834,
26.9273

Harmonies

Analogous

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



66.2459, 61.4433, 93.7062



69.7402, 61.4433, 77.2913



70.0751, 61.4433, 60.4042

Triad

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



69.7402, 61.4433, 77.2913



56.0850, 61.4433, 40.1384



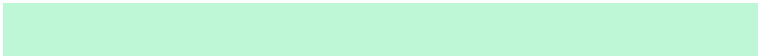
50.4597, 61.4433, 90.8269

Complementary

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



69.7402, 61.4433, 77.2913



66.3871, 82.1971, 75.9888

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.



48.0996, 61.4433, 73.8483



69.7402, 61.4433, 77.2913



51.1994, 61.4433, 45.7679

Square

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



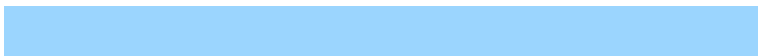
69.7402, 61.4433, 77.2913



61.9234, 61.4433, 40.7466



48.3610, 61.4433, 57.4868



55.0129, 61.4433, 102.3724

Rectangle

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



69.7402, 61.4433, 77.2913



68.4346, 61.4433, 51.2479



48.3610, 61.4433, 57.4868



49.3976, 61.4433, 85.4560

Sweetspot

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



69.7420, 61.4461, 77.2926



88.4033, 88.6495, 100.6947



62.4776, 57.2848, 95.7607



18.8050, 18.7758, 21.4057



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.



69.7420, 61.4461, 77.2926



71.7822, 60.7689, 78.6251



66.2765, 60.0599, 59.0436



16.8942, 16.6405, 19.1893



22.8828, 11.4966, 14.6233



2.0627, 1.0310, 1.5563

Inverse Universe

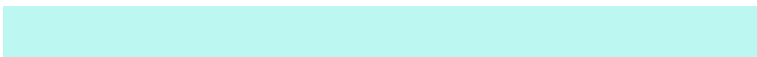
The Inverse Universe completely reimagines the original color for something new.



69.7420, 61.4461, 77.2926



71.7822, 60.7689, 78.6251



70.3011, 83.7627, 96.5994



16.8942, 16.6405, 19.1893



22.8828, 11.4966, 14.6233



2.0627, 1.0310, 1.5563

Previews

White Background



This preview shows how the XYZ color 69.7402, 61.4433, 77.2913 looks on a white background.

Color Contrast Check

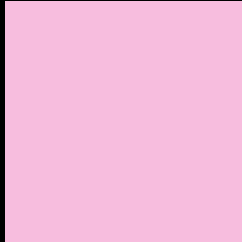
Large Text (above 18pt) WCAG AA × Fail

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 69.7402, 61.4433, 77.2913 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 69.7402, 61.4433, 77.2913

Background



This preview shows how black text looks on a background with the XYZ color 69.7402, 61.4433, 77.2913.



This preview shows how white text looks on a background with the XYZ color 69.7402, 61.4433,

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

69.7402, 61.4433, 77.2913

Protanopia

60.5155, 61.5685, 85.0383

Deuteranopia

63.0877, 61.6915, 76.2927



Tritanopia

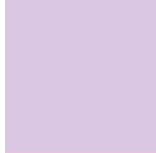
67.6464, 61.5680, 66.7110

Trichromacy



Original Color

69.7402, 61.4433, 77.2913



Protanomaly

63.3405, 61.3537, 81.9028



Deuteranomaly

65.4242, 61.5233, 76.8336



Tritanomaly

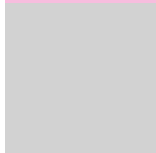
68.5205, 61.6079, 70.5674

Monochromacy



Original Color

69.7402, 61.4433, 77.2913



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

63.6896, 62.7841, 72.3801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7402, 61.4433, 77.2913 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(247, 189, 222)` looks like.

```
.text, #text, p{  
    color:rgb(247, 189, 222)  
}
```

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(247, 189, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 189, 222) }
```

Border

The CSS property to change the border of an element to XYZ 69.7402, 61.4433, 77.2913 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(247, 189, 222) }
```


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

```
.border{ border-color:rgb(247, 189, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 189, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 189, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 189, 222);  
box-shadow:4px 4px 4px 4px rgb(247, 189,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7402, 61.4433, 77.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 189, 222) }
```

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

```
.background{ background-color: rgb(247,  
189, 222) }
```

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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