

Converting Colors

XYZ(69.7431, 61.6195, 73.7297)

Have a look what the booklet for
XYZ(69.7431, 61.6195, 73.7297)
contains.

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Color

**XYZ(69.7889, 61.5447,
73.8467)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BDD9
RGB	249, 189, 217
RGB Percent	98%, 74%, 85%
CMY	0.0235, 0.2588, 0.1490
CMYK	0.00, 0.24, 0.13, 0.02
HSL	332°, 83%, 86%
HSV	332°, 24%, 98%
XYZ	69.7889, 61.5447, 73.8467
YIQ	210.1320, 26.7720, 21.4280

Conversions

Conversions Part 2

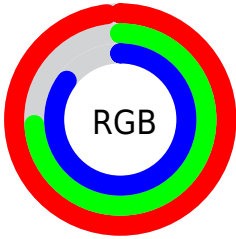
Format	Color
R _Y B	249, 189, 217
Decimal	16367065
CIE Lab	82.67, 25.77, -5.60
CIE LCh	83, 26.375, 347.747
Yxy	61.5447, 0.3401, 0.3000
Android (android.graphics.Color)	4294557145 (0xFFF9BDD9)
YUV	210.1320, 3.3859, 34.0872
Hunter-Lab	78.4504, 21.5040, -0.8954

Details

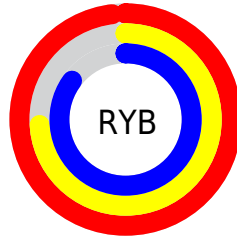
The XYZ color **69.7889, 61.5447, 73.8467** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.9156, 83.7923, 81.0045**, and the grayscale version is **61.3129, 64.5059, 70.2470**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **36.9238, 31.1430, 38.2475** is the 20% darker color. If you saturate the color by 10%, you get **63.2272, 51.0750, 63.4770**, and if you desaturate by 10%, it is **77.4127, 73.9145, 85.2578**.

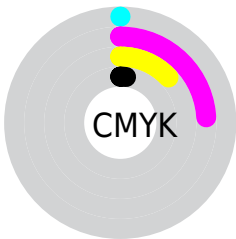
Distribution



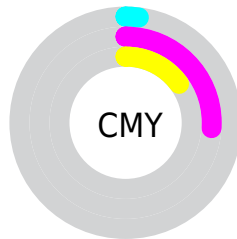
- Red (98%)
- Green (74%)
- Blue (85%)



- Red (98%)
- Yellow (74%)
- Blue (85%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7889, 61.5447, 73.8467 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 69.7889, 61.5447, 73.8467 by changing the saturation by 10% instead.


 69.7889, 61.5447,
73.8467

 69.7889, 61.5447,
73.8467


449.0864,
430.2684, 493.0934

 51.6334, 44.6649,
54.1725


 117.9356,
107.0672, 126.4105

 36.9361, 31.1936,
38.3455


148.6575,
136.4787, 160.1372

 25.3314, 20.7463,
25.9471


184.2989,
170.8363, 199.3853

 16.4542, 12.9387,
16.5586

225.2252,
210.5243, 244.5731

 9.9390, 7.3863,
9.7617

271.8018,
255.9271, 296.1193

 5.4205, 3.7049,
5.1377


324.3939,


 2.5333, 1.5099,


307.4291, 354.4423


2.2681


383.3670,
365.4147, 419.9609

 0.9121, 0.2957,
0.7133


 0.0000, 0.0000,
0.0000


 69.7889, 61.5447,
73.8467

 69.7889, 61.5447,
73.8467


 63.2272, 51.0750,
63.4770


 77.4127, 73.9145,
85.2578

 57.6720, 42.4017,
54.1120

 86.1399, 88.2646,
97.7374

 53.0707, 35.4242,
45.7181

 92.8772, 98.8799,
108.7983

 49.3632, 30.0283,
38.2581

■ 46.4824, 26.0852,
31.6916

■ 44.3508, 23.4462,
25.9736

■ 42.8742, 21.9294,
21.0532

■ 42.2307, 21.4053,
18.4870

Harmonies

Analogous

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



66.9271, 61.5447, 90.2300



69.7889, 61.5447, 73.8467



69.4857, 61.5447, 57.9534

Triad

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



69.7889, 61.5447, 73.8467



55.2415, 61.5447, 41.4945



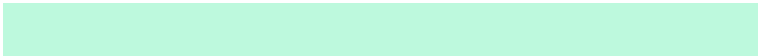
51.4795, 61.5447, 92.8301

Complementary

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



69.7889, 61.5447, 73.8467



67.9156, 83.7923, 81.0045

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.



48.7315, 61.5447, 76.9679



69.7889, 61.5447, 73.8467



50.8052, 61.5447, 48.1630

Square

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



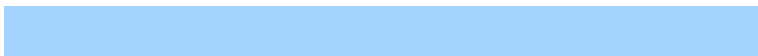
69.7889, 61.5447, 73.8467



60.8367, 61.5447, 40.9354



48.4929, 61.5447, 60.6121



56.2169, 61.5447, 102.3171

Rectangle

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



69.7889, 61.5447, 73.8467



67.5307, 61.5447, 49.6853



48.4929, 61.5447, 60.6121



50.3061, 61.5447, 87.9599

Sweetspot

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



69.7907, 61.5475, 73.8480



88.1224, 88.5372, 99.2152



65.1177, 58.6100, 97.5041



18.7399, 18.7497, 21.0631



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.



69.7907, 61.5475, 73.8480



70.1115, 59.2631, 72.4096



66.8853, 61.0784, 56.4116



17.5817, 17.3600, 19.6528



22.6756, 11.4859, 10.2658



2.1531, 1.0850, 1.2299

Inverse Universe

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



69.7907, 61.5475, 73.8480



70.1115, 59.2631, 72.4096



71.3479, 84.1814, 102.1115



17.5817, 17.3600, 19.6528



22.6756, 11.4859, 10.2658



2.1531, 1.0850, 1.2299

Previews

White Background



This preview shows how the XYZ color 69.7889, 61.5447, 73.8467 looks on a white background.

Color Contrast Check

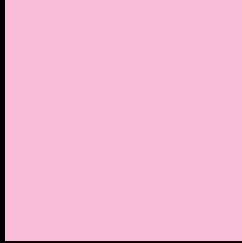
Large Text (above 18pt) WCAG AA × Fail

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 69.7889, 61.5447, 73.8467 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 69.7889, 61.5447, 73.8467

Background



This preview shows how black text looks on a background with the XYZ color 69.7889, 61.5447, 73.8467.



This preview shows how white text looks on a background with the XYZ color 69.7889, 61.5447,

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

69.7889, 61.5447, 73.8467

Protanopia

60.5983, 62.0461, 81.4553

Deuteranopia

63.0442, 61.7444, 72.8851



Tritanopia

68.4828, 61.6743, 66.6874

Trichromacy



Original Color

69.7889, 61.5447, 73.8467



Protanomaly

63.2579, 61.3902, 78.3275



Deuteranomaly

65.4133, 61.5935, 73.4068



Tritanomaly

68.7577, 61.4365, 69.2073

Monochromacy



Original Color

69.7889, 61.5447, 73.8467



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

63.8712, 62.8924, 71.7239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7889, 61.5447, 73.8467 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(249, 189, 217)` looks like.

```
.text, #text, p{  
    color:rgb(249, 189, 217)  
}
```

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(249, 189, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 189, 217) }
```

Border

The CSS property to change the border of an element to XYZ 69.7889, 61.5447, 73.8467 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(249, 189, 217) }
```


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

```
.border{ border-color:rgb(249, 189, 217) }
```

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

Here you see how a box with a 4 pixel rgb(249, 189, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 189, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 189, 217);  
box-shadow:4px 4px 4px 4px rgb(249, 189,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7889, 61.5447, 73.8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 189, 217) }
```

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

```
.background{ background-color: rgb(249,  
189, 217) }
```

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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