

Converting Colors

XYZ(71.2214, 61.8575, 78.7069)

Have a look what the booklet for XYZ(71.2214, 61.8575, 78.7069) contains.

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Color

**XYZ(71.2214, 61.8575,
78.7069)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBCE0
RGB	251, 188, 224
RGB Percent	98%, 74%, 88%
CMY	0.0157, 0.2627, 0.1216
CMYK	0.00, 0.25, 0.11, 0.02
HSL	326°, 89%, 86%
HSV	326°, 25%, 98%
XYZ	71.2214, 61.8575, 78.7069
YIQ	210.9410, 25.9920, 24.5520

Conversions

Conversions Part 2

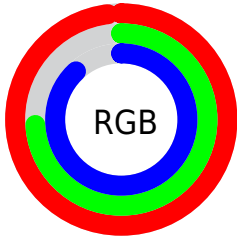
Format	Color
R _Y B	251, 188, 224
Decimal	16497888
CIE Lab	82.84, 28.12, -9.08
CIE LCh	83, 29.551, 342.099
Yxy	61.8575, 0.3363, 0.2921
Android (android.graphics.Color)	4294687968 (0xFFFBCE0)
YUV	210.9410, 6.4381, 35.1317
Hunter-Lab	78.6495, 24.0047, -4.2786

Details

The XYZ color **71.2214, 61.8575, 78.7069** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.5045, 84.5937, 77.0642**, and the grayscale version is **61.8263, 65.0461, 70.8352**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **37.9347, 31.3841, 41.5945** is the 20% darker color. If you saturate the color by 10%, you get **64.9056, 51.4868, 69.6298**, and if you desaturate by 10%, it is **78.5656, 74.1355, 88.5837**.

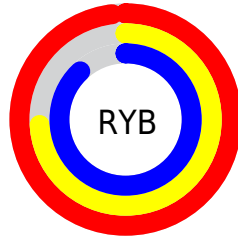
Distribution



Red (98%)

Green (74%)

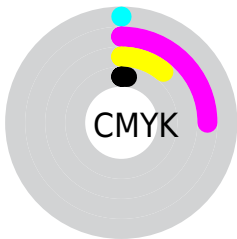
Blue (88%)



Red (98%)

Yellow (74%)

Blue (88%)

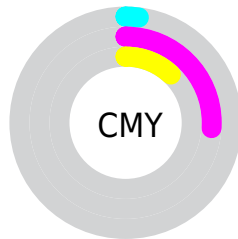


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (26%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2214, 61.8575, 78.7069 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 71.2214, 61.8575, 78.7069 by changing the saturation by 10% instead.


 71.2214, 61.8575,
78.7069

 71.2214, 61.8575,
78.7069


454.0268,
431.4111, 510.1556

 52.8061, 44.9176,
58.1350


 119.9657,
107.5196, 133.3411

 37.8748, 31.3925,
41.5017


151.0254,
137.0105, 168.2404

 26.0623, 20.8979,
28.3887


187.0307,
171.4538, 208.7526

 17.0032, 13.0494,
18.3773

228.3467,
211.2340, 255.2962

 10.3321, 7.4626,
11.0490

275.3390,
256.7354, 308.2898

 5.6836, 3.7530,
5.9852

328.3729,

 2.6925, 1.5364,

308.3425, 368.1518

2.7674

387.8137,
366.4396, 435.3009

■ 0.9933, 0.3141,
0.9771

■ 0.0000, 0.0000,
0.0000

■ 71.2214, 61.8575,
78.7069

■ 71.2214, 61.8575,
78.7069

■ 64.9056, 51.4868,
69.6298

■ 78.5656, 74.1355,
88.5837

■ 59.5629, 42.9180,
61.3235

■ 86.9791, 88.4028,
99.2798

■ 55.1406, 36.0478,
53.7626

■ 93.5940, 99.2494,
108.8319

■ 51.5788, 30.7592,
46.9182

■ 48.8100, 26.9202,
40.7587

■ 46.7557, 24.3769,
35.2485

■ 45.3197, 22.9400,
30.3457

■ 44.7739, 22.5054,
28.1384

Harmonies

Analogous

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



67.3832, 61.8575, 96.8398



71.2214, 61.8575, 78.7069



71.5863, 61.8575, 60.2720

Triad

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



71.2214, 61.8575, 78.7069



56.2665, 61.8575, 38.5724



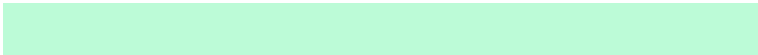
50.1749, 61.8575, 93.6796

Complementary

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



71.2214, 61.8575, 78.7069



67.5045, 84.5937, 77.0642

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.



47.6238, 61.8575, 74.9665



71.2214, 61.8575, 78.7069



50.9670, 61.8575, 44.5554

Square

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



71.2214, 61.8575, 78.7069



62.6351, 61.8575, 39.2090



47.9029, 61.8575, 57.1459



55.1126, 61.8575, 106.4998

Rectangle

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



71.2214, 61.8575, 78.7069



69.7790, 61.8575, 50.3963



47.9029, 61.8575, 57.1459



49.0264, 61.8575, 87.7397

Sweetspot

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



71.2232, 61.8603, 78.7082



87.5079, 87.1175, 99.5985



63.2030, 57.2685, 98.9903



18.4444, 18.1611, 20.9571



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.



71.2232, 61.8603, 78.7082



70.4733, 58.5854, 76.8500



67.4227, 60.3401, 58.6949



17.6603, 17.3915, 20.0667



23.6093, 11.8594, 15.1827



2.2397, 1.1196, 1.6858

Inverse Universe

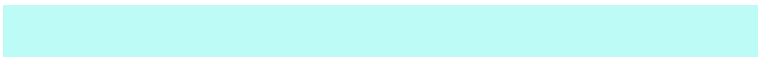
The Inverse Universe completely reimagines the original color for something new.



71.2232, 61.8603, 78.7082



70.4733, 58.5854, 76.8500



71.8344, 86.3256, 99.8653



17.6603, 17.3915, 20.0667



23.6093, 11.8594, 15.1827



2.2397, 1.1196, 1.6858

Previews

White Background



This preview shows how the XYZ color 71.2214, 61.8575, 78.7069 looks on a white background.

Color Contrast Check

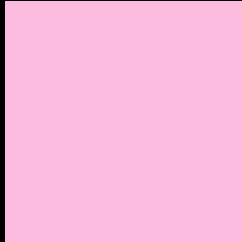
Large Text (above 18pt) WCAG AA × Fail

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 71.2214, 61.8575, 78.7069 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 71.2214, 61.8575, 78.7069

Background



This preview shows how black text looks on a background with the XYZ color 71.2214, 61.8575, 78.7069.



This preview shows how white text looks on a background with the XYZ color 71.2214, 61.8575,

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

71.2214, 61.8575, 78.7069

Protanopia

61.1838, 62.2174, 87.3817

Deuteranopia

63.5867, 62.2629, 77.7738



Tritanopia

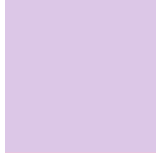
68.8383, 61.8576, 66.7041

Trichromacy



Original Color

71.2214, 61.8575, 78.7069



Protanomaly

64.3624, 61.8320, 84.1438



Deuteranomaly

66.0142, 61.7965, 78.2606



Tritanomaly

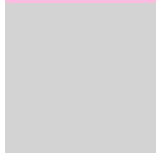
69.8480, 61.9550, 71.2279

Monochromacy



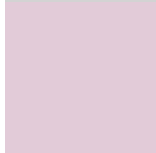
Original Color

71.2214, 61.8575, 78.7069



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.1146, 63.8385, 73.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2214, 61.8575, 78.7069 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(251, 188, 224)` looks like.

```
.text, #text, p{  
    color:rgb(251, 188, 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(251, 188, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 188, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.2214, 61.8575, 78.7069 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(251, 188, 224) }
```


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

```
.border{ border-color:rgb(251, 188, 224) }
```

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

Here you see how a box with a 4 pixel rgb(251, 188, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 188, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 188, 224);  
box-shadow:4px 4px 4px 4px rgb(251, 188,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2214, 61.8575, 78.7069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 188, 224) }
```

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

```
.background{ background-color: rgb(251,  
188, 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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