

Converting Colors

XYZ(75.2912, 62.0370, 78.8474)

Have a look what the booklet for
XYZ(75.2912, 62.0370, 78.8474)
contains.

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Color

**XYZ(71.4225, 60.0977,
78.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6E0
RGB	255, 182, 224
RGB Percent	100%, 71%, 88%
CMY	0.0000, 0.2863, 0.1216
CMYK	0.00, 0.29, 0.12, 0.00
HSL	325°, 100%, 86%
HSV	325°, 29%, 100%
XYZ	71.4225, 60.0977, 78.3567
YIQ	208.6150, 30.0260, 28.5380

Conversions

Conversions Part 2

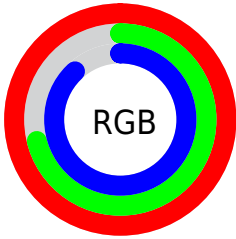
Format	Color
R _Y B	255, 182, 224
Decimal	16758496
CIE Lab	81.89, 32.63, -10.45
CIE LCh	82, 34.259, 342.243
Yxy	60.0977, 0.3403, 0.2863
Android (android.graphics.Color)	4294948576 (0xFFFFB6E0)
YUV	208.6150, 7.5848, 40.6796
Hunter-Lab	77.5227, 28.7892, -5.6620

Details

The XYZ color **71.4225, 60.0977, 78.3567** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.0637, 86.2702, 76.0711**, and the grayscale version is **60.2934, 63.4334, 69.0789**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **37.9066, 30.1732, 41.3622** is the 20% darker color. If you saturate the color by 10%, you get **65.2456, 50.0199, 69.2813**, and if you desaturate by 10%, it is **78.6465, 72.1196, 88.2442**.

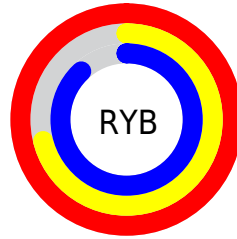
Distribution



Red (100%)

Green (71%)

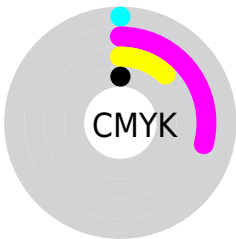
Blue (88%)



Red (100%)

Yellow (71%)

Blue (88%)

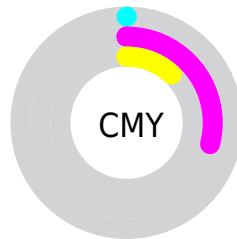


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4225, 60.0977, 78.3567 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 71.4225, 60.0977, 78.3567 by changing the saturation by 10% instead.


 71.4225, 60.0977,
78.3567

 71.4225, 60.0977,
78.3567


454.7179,
424.9578, 508.9374

 52.9708, 43.4974,
57.8489


 120.2504,
104.9714, 132.8433

 38.0069, 30.2756,
41.2733

151.3573,
134.0135, 167.6591

 26.1653, 20.0478,
28.2114


187.4133,
167.9718, 208.0813

 17.0806, 12.4298,
18.2446

228.7839,
207.2305, 254.5285

 10.3877, 7.0371,
10.9545

275.8342,
252.1740, 307.4191

 5.7210, 3.4853,
5.9225

328.9298,

 2.7152, 1.3901,

303.1868, 367.1718

2.7300

388.4359,
360.6533, 434.2050

■ 1.0050, 0.2094,
0.9585

■ 0.0000, 0.0000,
0.0000

■ 71.4225, 60.0977,
78.3567

■ 71.4225, 60.0977,
78.3567

■ 65.2456, 50.0199,
69.2813

■ 78.6465, 72.1196,
88.2442

■ 60.0584, 41.7747,
60.9880

■ 86.9630, 86.1742,
98.9650

■ 55.8039, 35.2508,
53.4499

95.0500, 100.0000,
108.9000

■ 52.4172, 30.3214,
46.6363

■ 49.8248, 26.8425,
40.5134

■ 47.9398, 24.6431,
35.0425

■ 46.6389, 23.4805,
30.1727

■ 46.4835, 23.3574,
29.5421

Harmonies

Analogous

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



66.9944, 60.0977, 99.5896



71.4225, 60.0977, 78.3567



71.8254, 60.0977, 57.3450

Triad

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



71.4225, 60.0977, 78.3567



54.2212, 60.0977, 33.7093



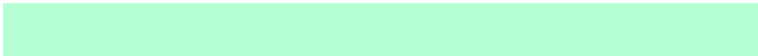
47.4277, 60.0977, 96.0457

Complementary

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



71.4225, 60.0977, 78.3567



67.0637, 86.2702, 76.0711

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.



44.5745, 60.0977, 74.2547



71.4225, 60.0977, 78.3567



48.2688, 60.0977, 40.1481

Square

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



71.4225, 60.0977, 78.3567



61.4704, 60.0977, 34.3509



44.8688, 60.0977, 54.0203



52.9819, 60.0977, 111.1930

Rectangle

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



71.4225, 60.0977, 78.3567



69.7155, 60.0977, 46.3967



44.8688, 60.0977, 54.0203



46.1428, 60.0977, 89.0799

Sweetspot

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



71.4239, 60.1002, 78.3579



86.6309, 85.6095, 98.5477



62.0518, 54.7379, 101.9027



18.2700, 17.8609, 20.7491



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.



71.4239, 60.1002, 78.3579



67.9766, 54.4476, 73.3803



67.0559, 58.3530, 55.3562



18.4475, 18.1623, 20.9735



24.3649, 12.2353, 15.8381



2.4270, 1.2132, 1.8300

Inverse Universe

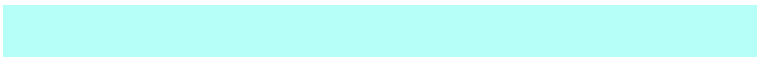
The Inverse Universe completely reimagines the original color for something new.



71.4239, 60.1002, 78.3579



67.9766, 54.4476, 73.3803



72.1388, 88.3002, 102.7963



18.4475, 18.1623, 20.9735



24.3649, 12.2353, 15.8381



2.4270, 1.2132, 1.8300

Previews

White Background



This preview shows how the XYZ color 71.4225, 60.0977, 78.3567 looks on a white background.

Color Contrast Check

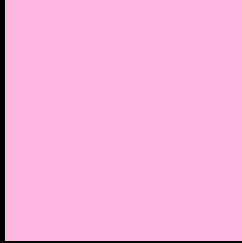
Large Text (above 18pt) WCAG AA × Fail

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 71.4225, 60.0977, 78.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

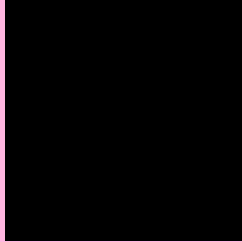
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4225, 60.0977, 78.3567

Background



This preview shows how black text looks on a background with the XYZ color 71.4225, 60.0977, 78.3567.



This preview shows how white text looks on a background with the XYZ color 71.4225, 60.0977,

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

71.4225, 60.0977, 78.3567

Protanopia

59.6953, 60.3613, 88.6254

Deuteranopia

61.5641, 60.2076, 76.7831



Tritanopia

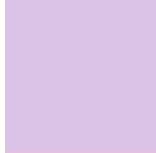
68.1291, 59.9834, 62.6307

Trichromacy



Original Color

71.4225, 60.0977, 78.3567



Protanomaly

63.2940, 59.9165, 84.5730



Deuteranomaly

64.6676, 59.7962, 77.2407



Tritanomaly

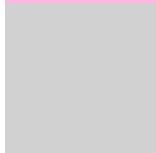
69.3656, 60.1840, 68.2823

Monochromacy



Original Color

71.4225, 60.0977, 78.3567



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

63.9251, 61.8706, 72.1913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4225, 60.0977, 78.3567 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(255, 182, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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(255, 182, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.4225, 60.0977, 78.3567 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(255, 182, 224) }
```


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

```
.border{ border-color:rgb(255, 182, 224) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4225, 60.0977, 78.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 224) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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