

Converting Colors

XYZ(73.5792, 60.8294,
102.4709)

Have a look what the booklet for
XYZ(73.5792, 60.8294, 102.4709)
contains.

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Color

**XYZ(73.6949, 61.0434,
102.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B7FF
RGB	248, 183, 255
RGB Percent	97%, 72%, 100%
CMY	0.0274, 0.2823, 0.0000
CMYK	0.03, 0.28, 0.00, 0.00
HSL	294°, 100%, 86%
HSV	294°, 28%, 100%
XYZ	73.6949, 61.0434, 102.5062
YIQ	210.6430, 15.6280, 36.1720

Conversions

Conversions Part 2

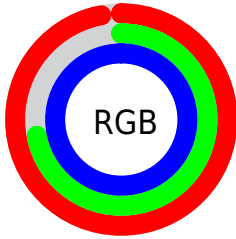
Format	Color
R _Y B	248, 183, 255
Decimal	16300031
CIE Lab	82.40, 35.20, -26.36
CIE LCh	82, 43.971, 323.170
Yxy	61.0434, 0.3106, 0.2573
Android (android.graphics.Color)	4294490111 (0xFFFF8B7FF)
YUV	210.6430, 21.8680, 32.7621
Hunter-Lab	78.1303, 31.6388, -23.0967

Details

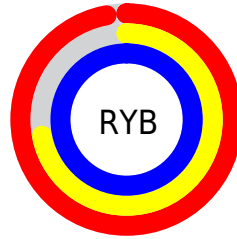
The XYZ color **73.6949, 61.0434, 102.5062** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.5439, 85.8867, 57.9259**, and the grayscale version is **61.5362, 64.7409, 70.5028**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **39.5292, 30.8541, 57.2981** is the 20% darker color. If you saturate the color by 10%, you get **68.0316, 51.0120, 100.8684**, and if you desaturate by 10%, it is **80.3261, 72.9915, 104.4629**.

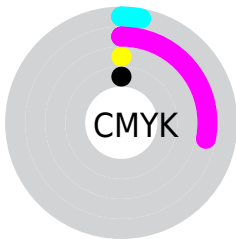
Distribution



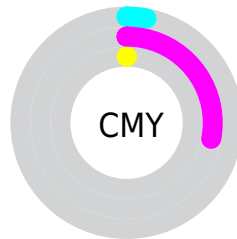
- Red (97%)
- Green (72%)
- Blue (100%)



- Red (97%)
- Yellow (72%)
- Blue (100%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6949, 61.0434, 102.5062 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 73.6949, 61.0434, 102.5062 by changing the saturation by 10% instead.


 73.6949, 61.0434,
102.5062

 73.6949, 61.0434,
102.5062


462.4863,
428.4331, 589.5134

 54.8348, 44.2602,
77.7667


 123.4610,
106.3418, 166.6789

 39.5028, 30.8751,
57.3670


155.0977,
135.6257, 206.9491

 27.3335, 20.5038,
40.8887


191.7240,
169.8454, 253.2333

 17.9618, 12.7618,
27.9131

233.7052,
209.3852, 305.9501

 11.0221, 7.2647,
18.0217

281.4067,
254.6294, 365.5180

 6.1491, 3.6282,
10.7959

335.1938,

 2.9775, 1.4678,

305.9626, 432.3554

5.8173

395.4319,
363.7690, 506.8811

■ 1.1419, 0.2659,
2.6673

■ 0.0597, 0.0000,
0.9269

■ 73.6949, 61.0434,
102.5062

■ 73.6949, 61.0434,
102.5062

■ 68.0316, 51.0120,
100.8684

■ 80.3261, 72.9915,
104.4629

■ 63.2795, 42.7866,
99.5312

■ 87.9675, 86.9437,
106.7532

■ 59.3838, 36.2570,
98.4762

95.0500, 100.0000,
108.9000

■ 56.2820, 31.2979,
97.6824

■ 53.9025, 27.7665,
97.1262

■ 52.1611, 25.4943,
96.7794

■ 50.9414, 24.2487,
96.6033

■ 50.7516, 24.0783,
96.5804

Harmonies

Analogous

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



65.4134, 61.0434, 126.1955



73.6949, 61.0434, 102.5062



77.8441, 61.0434, 72.8029

Triad

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



73.6949, 61.0434, 102.5062



60.1924, 61.0434, 27.2256



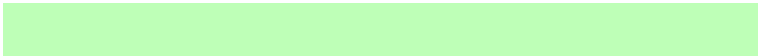
42.9615, 61.0434, 88.9436

Complementary

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



73.6949, 61.0434, 102.5062



65.5439, 85.8867, 57.9259

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.



41.8842, 61.0434, 60.5077



73.6949, 61.0434, 102.5062



51.2057, 61.0434, 29.3767

Square

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



73.6949, 61.0434, 102.5062



69.5228, 61.0434, 33.0889



44.7419, 61.0434, 40.0511



47.8615, 61.0434, 117.0049

Rectangle

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



73.6949, 61.0434, 102.5062



77.4233, 61.0434, 55.3728



44.7419, 61.0434, 40.0511



42.1637, 61.0434, 78.9496

Sweetspot

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



73.6967, 61.0460, 102.5066



88.1582, 87.2937, 106.8107



56.0376, 54.2036, 102.1166



18.6084, 18.2054, 22.7832



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.



73.6967, 61.0460, 102.5066



70.3152, 55.0327, 101.5241



71.9298, 60.6313, 80.0089



18.6084, 18.2054, 22.7832



26.5900, 12.6181, 50.4687



2.6374, 1.2535, 4.9162

Inverse Universe

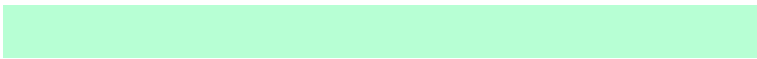
The Inverse Universe completely reimagines the original color for something new.



67.4692, 58.8470, 56.5198



63.2068, 52.5396, 48.2625



67.1486, 86.3315, 75.2818



18.0811, 18.0157, 19.0442



21.6629, 11.1544, 1.6092



2.1321, 1.0952, 0.2770

Previews

White Background



This preview shows how the XYZ color 73.6949, 61.0434, 102.5062 looks on a white background.

Color Contrast Check

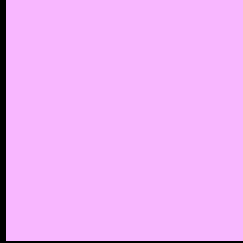
Large Text (above 18pt) WCAG AA × Fail

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 73.6949, 61.0434, 102.5062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

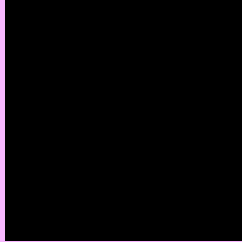
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6949, 61.0434, 102.5062

Background



This preview shows how black text looks on a background with the XYZ color 73.6949, 61.0434, 102.5062.

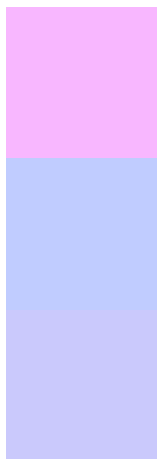


This preview shows how white text looks on a background with the XYZ color 73.6949, 61.0434,

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

73.6949, 61.0434, 102.5062

Protanopia

61.3811, 61.6122, 103.2650

Deuteranopia

62.8145, 61.3581, 100.6281



Tritanopia

66.3877, 60.9050, 67.2883

Trichromacy



Original Color

73.6949, 61.0434, 102.5062



Protanomaly

64.9413, 60.6969, 102.9006



Deuteranomaly

66.2348, 60.7355, 101.1607



Tritanomaly

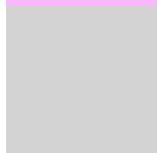
68.9604, 61.0101, 78.6625

Monochromacy



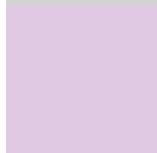
Original Color

73.6949, 61.0434, 102.5062



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.4922, 63.1666, 81.4136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6949, 61.0434, 102.5062 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(248, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 183, 255)  
}
```

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(248, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 183, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6949, 61.0434, 102.5062 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(248, 183, 255) }
```


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

```
.border{ border-color:rgb(248, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 183,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6949, 61.0434, 102.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 183, 255) }
```

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

```
.background{ background-color: rgb(248,  
183, 255) }
```

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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