

Converting Colors

XYZ(73.5954, 61.9675,
102.6898)

Have a look what the booklet for
XYZ(73.5954, 61.9675, 102.6898)
contains.

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Color

**XYZ(73.6149, 61.9306,
102.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	F6BAFF
RGB	246, 186, 255
RGB Percent	96%, 73%, 100%
CMY	0.0353, 0.2706, 0.0000
CMYK	0.04, 0.27, 0.00, 0.00
HSL	292°, 100%, 86%
HSV	292°, 27%, 100%
XYZ	73.6149, 61.9306, 102.6816
YIQ	211.8060, 13.6110, 34.1790

Conversions

Conversions Part 2

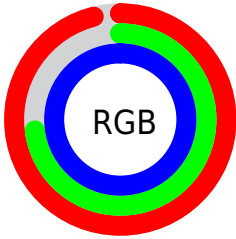
Format	Color
R _Y B	246, 186, 255
Decimal	16169727
CIE Lab	82.88, 32.98, -25.65
CIE LCh	83, 41.785, 322.128
Yxy	61.9306, 0.3090, 0.2600
Android (android.graphics.Color)	4294359807 (0xFFFF6BAFF)
YUV	211.8060, 21.2946, 29.9881
Hunter-Lab	78.6960, 29.2569, -22.2737

Details

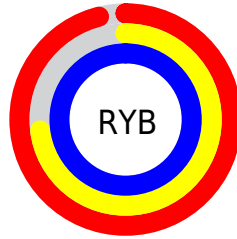
The XYZ color **73.6149, 61.9306, 102.6816** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.1301, 86.6680, 59.6478**, and the grayscale version is **62.3089, 65.5538, 71.3881**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **39.4306, 31.3986, 57.4084** is the 20% darker color. If you saturate the color by 10%, you get **67.5590, 51.5343, 100.9941**, and if you desaturate by 10%, it is **80.6538, 74.2600, 104.6904**.

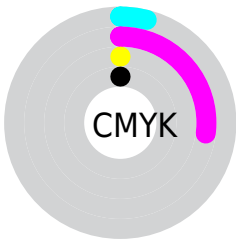
Distribution



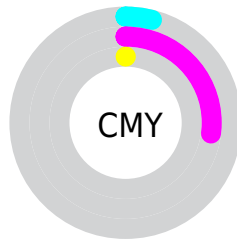
- Red (96%)
- Green (73%)
- Blue (100%)



- Red (96%)
- Yellow (73%)
- Blue (100%)



- Cyan (4%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6149, 61.9306, 102.6816 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 73.6149, 61.9306, 102.6816 by changing the saturation by 10% instead.

 73.6149, 61.9306,
102.6816

 73.6149, 61.9306,
102.6816


462.2141,
431.6779, 590.0763

 54.7691, 44.9766,
77.9126


 123.3482,
107.6252, 166.9214

 39.4500, 31.4390,
57.4862

154.9663,
137.1347, 207.2293

 27.2923, 20.9334,
40.9837


191.5727,
171.5980, 253.5538

 17.9306, 13.0753,
27.9868

233.5325,
211.3998, 306.3137

 10.9995, 7.4804,
18.0767

281.2112,
256.9242, 365.9273

 6.1338, 3.7643,
10.8351

334.9741,

 2.9680, 1.5426,

308.5558, 432.8132

5.8433

395.1866,
366.6789, 507.3901

■ 1.1369, 0.3184,
2.6828

■ 0.0556, 0.0000,
0.9347

■ 73.6149, 61.9306,
102.6816

■ 73.6149, 61.9306,
102.6816

■ 67.5590, 51.5343,
100.9941

■ 80.6538, 74.2600,
104.6904

■ 62.4297, 42.9612,
99.6097

■ 88.7176, 88.6091,
107.0351

■ 58.1730, 36.1025,
98.5102

95.0500, 100.0000,
108.9000

■ 54.7268, 30.8345,
97.6750

■ 52.0210, 27.0168,
97.0807

■ 49.9730, 24.4845,
96.6998

■ 48.4773, 23.0268,
96.4973

■ 48.0956, 22.7091,
96.4561

Harmonies

Analogous

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



65.6284, 61.9306, 124.5819



73.6149, 61.9306, 102.6816



77.7327, 61.9306, 74.4537

Triad

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



73.6149, 61.9306, 102.6816



61.2665, 61.9306, 29.2755



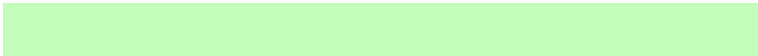
44.2376, 61.9306, 87.8861

Complementary

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



73.6149, 61.9306, 102.6816



67.1301, 86.6680, 59.6478

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.



43.3248, 61.9306, 60.8661



73.6149, 61.9306, 102.6816



52.5796, 61.9306, 31.1397

Square

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



73.6149, 61.9306, 102.6816



70.1444, 61.9306, 35.3760



46.2269, 61.9306, 41.3428



48.8614, 61.9306, 114.6338

Rectangle

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



73.6149, 61.9306, 102.6816



77.4644, 61.9306, 57.5420



46.2269, 61.9306, 41.3428



43.5070, 61.9306, 78.3946

Sweetspot

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



73.6167, 61.9332, 102.6820



87.9119, 87.1667, 106.7992



57.8620, 56.7817, 102.5181



18.5459, 18.1732, 22.7802



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.



73.6167, 61.9332, 102.6820



70.5029, 56.5579, 101.8086



73.0411, 62.0765, 82.7759



18.5459, 18.1732, 22.7802



25.2219, 11.9128, 50.4047



2.5178, 1.1919, 4.9106

Inverse Universe

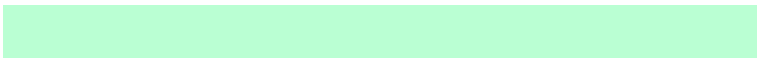
The Inverse Universe completely reimagines the original color for something new.



68.6508, 60.3204, 59.6566



64.9165, 54.7632, 52.5195



67.8069, 86.6782, 74.9844



18.1058, 18.0256, 19.1742



21.7236, 11.1787, 1.9292



2.1437, 1.0998, 0.3381

Previews

White Background



This preview shows how the XYZ color 73.6149, 61.9306, 102.6816 looks on a white background.

Color Contrast Check

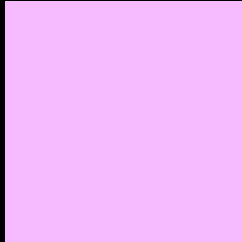
Large Text (above 18pt) WCAG AA × Fail

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 73.6149, 61.9306, 102.6816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

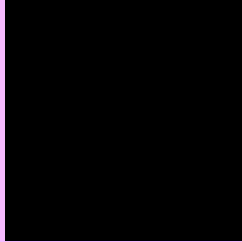
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6149, 61.9306, 102.6816

Background



This preview shows how black text looks on a background with the XYZ color 73.6149, 61.9306, 102.6816.

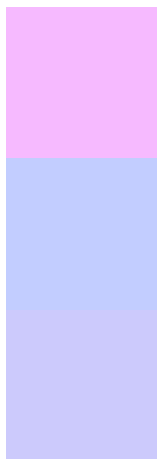


This preview shows how white text looks on a background with the XYZ color 73.6149, 61.9306,

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

73.6149, 61.9306, 102.6816

Protanopia

62.1295, 62.3520, 103.3683

Deuteranopia

63.5931, 62.1067, 100.7315



Tritanopia

67.0831, 62.2086, 69.4446

Trichromacy



Original Color

73.6149, 61.9306, 102.6816



Protanomaly

65.6847, 61.7543, 103.0656



Deuteranomaly

66.6830, 61.6318, 101.3101



Tritanomaly

69.1951, 62.0675, 80.2848

Monochromacy



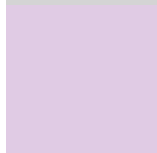
Original Color

73.6149, 61.9306, 102.6816



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

66.1000, 64.1606, 82.2992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6149, 61.9306, 102.6816 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(246, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 186, 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(246, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6149, 61.9306, 102.6816 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(246, 186, 255) }
```


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

```
.border{ border-color:rgb(246, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6149, 61.9306, 102.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 186, 255) }
```

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

```
.background{ background-color: rgb(246,  
186, 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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