

Converting Colors

XYZ(71.2219, 61.6499,
102.7536)

Have a look what the booklet for
XYZ(71.2219, 61.6499, 102.7536)
contains.

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Color

**XYZ(71.1726, 61.6197,
102.7503)**

Conversions

Conversions Part 1

Format	Color
Hex	EDBDFF
RGB	237, 189, 255
RGB Percent	93%, 74%, 100%
CMY	0.0706, 0.2588, 0.0000
CMYK	0.07, 0.26, 0.00, 0.00
HSL	284°, 100%, 87%
HSV	284°, 26%, 100%
XYZ	71.1726, 61.6197, 102.7503
YIQ	210.8760, 7.4220, 30.7020

Conversions

Conversions Part 2

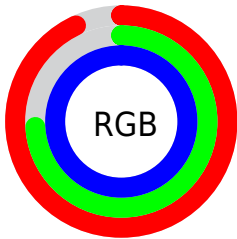
Format	Color
R _Y B	237, 189, 255
Decimal	15580671
CIE Lab	82.71, 28.56, -25.98
CIE LCh	83, 38.612, 317.710
Yxy	61.6197, 0.3022, 0.2616
Android (android.graphics.Color)	4293770751 (0xFFEDBDFF)
YUV	210.8760, 21.7531, 22.9107
Hunter-Lab	78.4982, 24.4701, -22.6589

Details

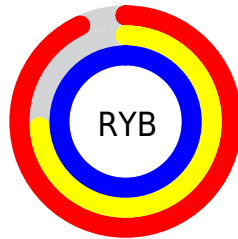
The XYZ color **71.1726, 61.6197, 102.7503** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.6789, 88.4602, 61.4964**, and the grayscale version is **61.6942, 64.9071, 70.6838**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.6794, 31.1085, 57.4447** is the 20% darker color. If you saturate the color by 10%, you get **63.8854, 50.4250, 100.9736**, and if you desaturate by 10%, it is **79.5177, 74.7945, 104.8535**.

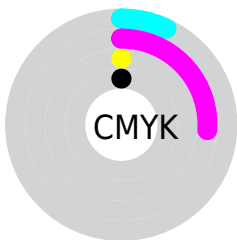
Distribution



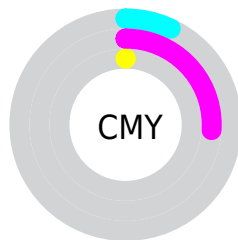
- Red (93%)
- Green (74%)
- Blue (100%)



- Red (93%)
- Yellow (74%)
- Blue (100%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.1726, 61.6197, 102.7503 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 71.1726, 61.6197, 102.7503 by changing the saturation by 10% instead.

71.1726, 61.6197,
102.7503

71.1726, 61.6197,
102.7503

453.8590,
430.5425, 590.2967

52.7661, 44.7255,
77.9698

119.8966,
107.1757, 167.0164

37.8428, 31.2413,
57.5328

150.9449,
136.6063, 207.3390

26.0374, 20.7826,
41.0210

186.9378,
170.9844, 253.6793

16.9844, 12.9652,
28.0157

228.2406,
210.6945, 306.4560

10.3186, 7.4046,
18.0983

275.2188,
256.1210, 366.0876

5.6746, 3.7164,
10.8504

328.2377,

2.6870, 1.5162,

307.6482, 432.9925

5.8534

387.6627,
365.6606, 507.5893

■ 0.9905, 0.3001,
2.6888

■ 0.0000, 0.0000,
0.9378

■ 71.1726, 61.6197,
102.7503

■ 71.1726, 61.6197,
102.7503

■ 63.8854, 50.4250,
100.9736

■ 79.5177, 74.7945,
104.8535

■ 57.5993, 41.1012,
99.5053

■ 88.9631, 90.0358,
107.2975

■ 52.2600, 33.5402,
98.3272

95.0500, 100.0000,
108.9000

■ 47.8053, 27.6194,
97.4192

■ 44.1652, 23.2003,
96.7581

■ 41.2580, 20.1209,
96.3169

■ 38.9823, 18.1804,
96.0623

■ 38.1678, 17.5911,
95.9915

Harmonies

Analogous

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



63.5533, 61.6197, 120.6735



71.1726, 61.6197, 102.7503



75.5696, 61.6197, 77.2905

Triad

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



71.1726, 61.6197, 102.7503



62.0277, 61.6197, 31.6345



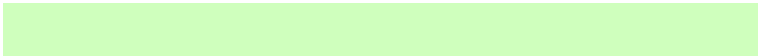
44.6536, 61.6197, 81.9657

Complementary

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



71.1726, 61.6197, 102.7503



70.6789, 88.4602, 61.4964

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.



44.3287, 61.6197, 57.8350



71.1726, 61.6197, 102.7503



53.8498, 61.6197, 32.3165

Square

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



71.1726, 61.6197, 102.7503



69.9653, 61.6197, 38.6647



47.5465, 61.6197, 40.8181



48.4804, 61.6197, 106.8611

Rectangle

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



71.1726, 61.6197, 102.7503



75.8321, 61.6197, 61.1514



47.5465, 61.6197, 40.8181



44.1452, 61.6197, 73.4083

Sweetspot

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



71.1744, 61.6223, 102.7507



86.8666, 86.6279, 106.7502



61.5212, 63.0069, 103.5268



18.2812, 18.0367, 22.7679



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.



71.1744, 61.6223, 102.7507



67.3141, 55.6491, 101.8013



75.2713, 63.9904, 91.3694



18.2812, 18.0367, 22.7679



20.0944, 9.2695, 50.1647



2.0615, 0.9567, 4.8893

Inverse Universe

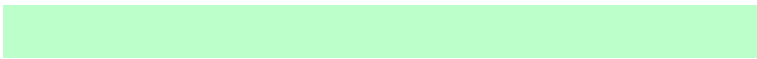
The Inverse Universe completely reimagines the original color for something new.



70.7016, 62.1626, 67.3058



66.8920, 56.3456, 60.4796



67.5633, 86.6658, 69.8573



18.2129, 18.0685, 19.7380



22.1722, 11.3582, 4.2912



2.2024, 1.1233, 0.6470

Previews

White Background



This preview shows how the XYZ color 71.1726, 61.6197, 102.7503 looks on a white background.

Color Contrast Check

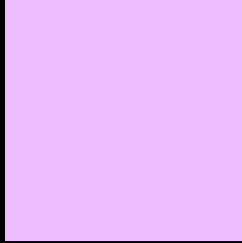
Large Text (above 18pt) WCAG AA × Fail

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 71.1726, 61.6197, 102.7503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

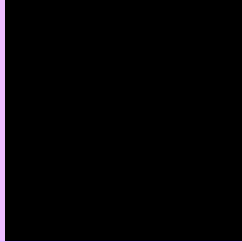
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.1726, 61.6197, 102.7503

Background



This preview shows how black text looks on a background with the XYZ color 71.1726, 61.6197, 102.7503.

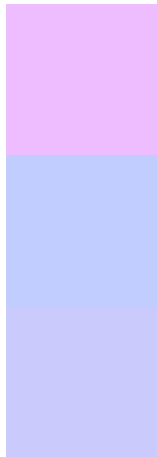


This preview shows how white text looks on a background with the XYZ color 71.1726, 61.6197,

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

71.1726, 61.6197, 102.7503

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

63.4788, 62.0294, 101.5557



Tritanopia

64.8049, 61.6749, 70.7762

Trichromacy



Original Color

71.1726, 61.6197, 102.7503



Protanomaly

64.7679, 61.6222, 103.0884



Deuteranomaly

65.8800, 61.5353, 102.1712



Tritanomaly

66.8997, 61.5086, 81.7452

Monochromacy



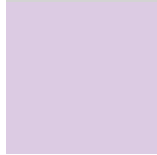
Original Color

71.1726, 61.6197, 102.7503



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.7363, 63.4736, 81.5127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.1726, 61.6197, 102.7503 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(237, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 189, 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(237, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.1726, 61.6197, 102.7503 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(237, 189, 255) }
```


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

```
.border{ border-color:rgb(237, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1726, 61.6197, 102.7503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 189, 255) }
```

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

```
.background{ background-color: rgb(237,  
189, 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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