

Converting Colors

XYZ(72.7366, 61.9299,
110.8288)

Have a look what the booklet for
XYZ(72.7366, 61.9299, 110.8288)
contains.

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Color

**XYZ(71.2931, 61.3636,
102.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBCFF
RGB	238, 188, 255
RGB Percent	93%, 74%, 100%
CMY	0.0667, 0.2627, 0.0000
CMYK	0.07, 0.26, 0.00, 0.00
HSL	285°, 100%, 87%
HSV	285°, 26%, 100%
XYZ	71.2931, 61.3636, 102.6945
YIQ	210.5880, 8.2930, 31.4370

Conversions

Conversions Part 2

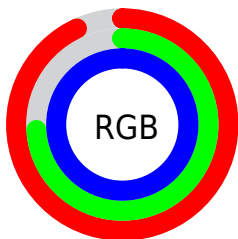
Format	Color
R _Y B	238, 188, 255
Decimal	15645951
CIE Lab	82.57, 29.41, -26.18
CIE LCh	83, 39.375, 318.323
Yxy	61.3636, 0.3029, 0.2607
Android (android.graphics.Color)	4293836031 (0xFFEEBCFF)
YUV	210.5880, 21.8951, 24.0403
Hunter-Lab	78.3349, 25.3678, -22.8928

Details

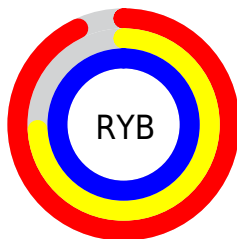
The XYZ color **71.2931, 61.3636, 102.6945** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0154, 88.1307, 60.9006**, and the grayscale version is **61.5033, 64.7063, 70.4651**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **37.7742, 30.9512, 57.4093** is the 20% darker color. If you saturate the color by 10%, you get **64.1865, 50.3166, 100.9368**, and if you desaturate by 10%, it is **79.4437, 74.3807, 104.7775**.

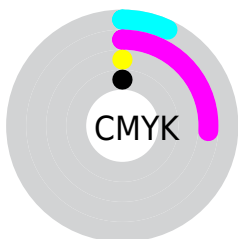
Distribution



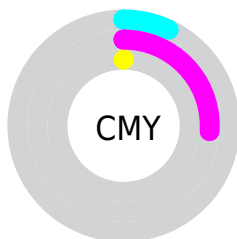
- Red (93%)
- Green (74%)
- Blue (100%)



- 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 71.2931, 61.3636, 102.6945 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 71.2931, 61.3636, 102.6945 by changing the saturation by 10% instead.


 71.2931, 61.3636,
102.6945

 71.2931, 61.3636,
102.6945


454.2733,
429.6059, 590.1177

 52.8648, 44.5187,
77.9233


 120.0672,
106.8052, 166.9392

 37.9219, 31.0785,
57.4949


151.1438,
136.1707, 207.2499

 26.0990, 20.6586,
40.9907


187.1671,
170.4785, 253.5774

 17.0308, 12.8747,
27.9922

228.5026,
210.1130, 306.3404

 10.3519, 7.3423,
18.0808

275.5156,
255.4586, 365.9574

 5.6969, 3.6771,
10.8380

328.5715,

 2.7006, 1.4946,

306.8997, 432.8469

5.8452

388.0356,
364.8207, 507.4275

■ 0.9975, 0.2849,
2.6839

■ 0.0000, 0.0000,
0.9353

■ 71.2931, 61.3636,
102.6945

■ 71.2931, 61.3636,
102.6945

■ 64.1865, 50.3166,
100.9368

■ 79.4437, 74.3807,
104.7775

■ 58.0671, 41.1303,
99.4862

■ 88.6807, 89.4545,
107.2002

■ 52.8806, 33.6963,
98.3247

95.0500, 100.0000,
108.9000

■ 48.5648, 27.8916,
97.4317

■ 45.0496, 23.5770,
96.7842

■ 42.2528, 20.5894,
96.3549

■ 40.0722, 18.7260,
96.1102

■ 39.3604, 18.2059,
96.0473

Harmonies

Analogous

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



63.5718, 61.3636, 121.3056



71.2931, 61.3636, 102.6945



75.6886, 61.3636, 76.6612

Triad

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



71.2931, 61.3636, 102.6945



61.6681, 61.3636, 30.8746



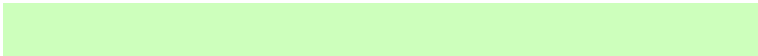
44.2457, 61.3636, 82.5028

Complementary

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



71.2931, 61.3636, 102.6945



70.0154, 88.1307, 60.9006

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.



43.8422, 61.3636, 57.8494



71.2931, 61.3636, 102.6945



53.3737, 61.3636, 31.7149

Square

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



71.2931, 61.3636, 102.6945



69.7843, 61.3636, 37.7849



47.0320, 61.3636, 40.4484



48.1930, 61.3636, 107.8484

Rectangle

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



71.2931, 61.3636, 102.6945



75.8848, 61.3636, 60.3153



47.0320, 61.3636, 40.4484



43.7061, 61.3636, 73.7647

Sweetspot

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



71.2949, 61.3662, 102.6949



87.0053, 86.6994, 106.7567



60.8305, 61.9923, 103.3673



18.3162, 18.0548, 22.7695



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.



71.2949, 61.3662, 102.6949



67.0994, 54.8034, 101.6493



74.8587, 63.4824, 90.2545



18.3162, 18.0548, 22.7695



20.7117, 9.5878, 50.1936



2.1173, 0.9854, 4.8919

Inverse Universe

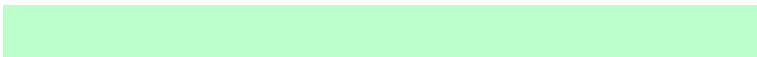
The Inverse Universe completely reimagines the original color for something new.



70.2442, 61.6366, 65.9545



66.0097, 55.2005, 58.2757



67.3560, 86.5543, 70.0556



18.1984, 18.0627, 19.6621



22.0932, 11.3266, 3.8752



2.1930, 1.1196, 0.5976

Previews

White Background



This preview shows how the XYZ color 71.2931, 61.3636, 102.6945 looks on a white background.

Color Contrast Check

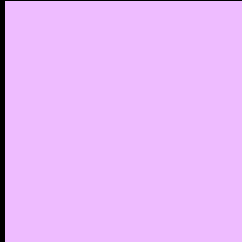
Large Text (above 18pt) WCAG AA × Fail

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 71.2931, 61.3636, 102.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

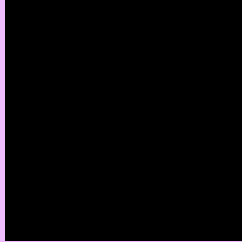
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2931, 61.3636, 102.6945

Background



This preview shows how black text looks on a background with the XYZ color 71.2931, 61.3636, 102.6945.

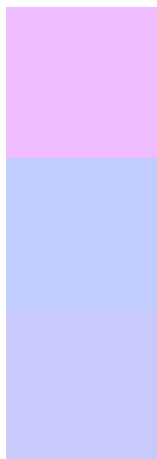


This preview shows how white text looks on a background with the XYZ color 71.2931, 61.3636,

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

71.2931, 61.3636, 102.6945

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

62.8145, 61.3581, 100.6281



Tritanopia

64.7765, 61.3388, 70.0535

Trichromacy



Original Color

71.2931, 61.3636, 102.6945



Protanomaly

64.5386, 61.1635, 103.0119



Deuteranomaly

65.4939, 61.0188, 101.2544



Tritanomaly

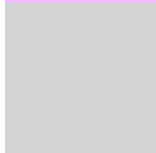
66.8668, 61.1784, 80.9574

Monochromacy



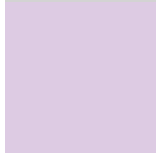
Original Color

71.2931, 61.3636, 102.6945



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.0399, 63.6301, 81.5269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2931, 61.3636, 102.6945 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(238, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 188, 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(238, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.2931, 61.3636, 102.6945 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(238, 188, 255) }
```


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

```
.border{ border-color:rgb(238, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2931, 61.3636, 102.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 188, 255) }
```

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

```
.background{ background-color: rgb(238,  
188, 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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