

Converting Colors

XYZ(69.6763, 62.1449,
102.9306)

Have a look what the booklet for
XYZ(69.6763, 62.1449, 102.9306)
contains.

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Color

**XYZ(69.7531, 62.1829,
102.9339)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C1FF
RGB	230, 193, 255
RGB Percent	90%, 76%, 100%
CMY	0.0980, 0.2431, 0.0000
CMYK	0.10, 0.24, 0.00, 0.00
HSL	276°, 100%, 88%
HSV	276°, 24%, 100%
XYZ	69.7531, 62.1829, 102.9339
YIQ	211.1310, 2.1500, 27.1260

Conversions

Conversions Part 2

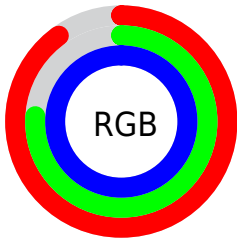
Format	Color
R _Y B	230, 193, 255
Decimal	15122943
CIE Lab	83.01, 24.23, -25.58
CIE LCh	83, 35.236, 313.449
Yxy	62.1829, 0.2970, 0.2648
Android (android.graphics.Color)	4293313023 (0xFFE6C1FF)
YUV	211.1310, 21.6274, 16.5481
Hunter-Lab	78.8561, 19.8960, -22.1942

Details

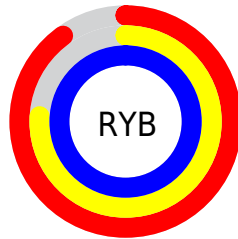
The XYZ color **69.7531, 62.1829, 102.9339** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.3004, 90.2763, 63.9640**, and the grayscale version is **61.8656, 65.0875, 70.8802**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **36.8812, 31.5411, 57.5703** is the 20% darker color. If you saturate the color by 10%, you get **61.3919, 50.2148, 101.0645**, and if you desaturate by 10%, it is **79.2843, 76.2001, 105.1371**.

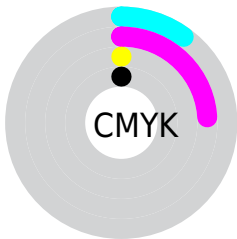
Distribution



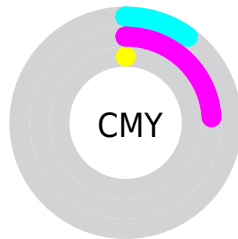
- Red (90%)
- Green (76%)
- Blue (100%)



- Red (90%)
- Yellow (76%)
- Blue (100%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7531, 62.1829, 102.9339 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 69.7531, 62.1829, 102.9339 by changing the saturation by 10% instead.

69.7531, 62.1829,
102.9339

69.7531, 62.1829,
102.9339

448.9626,
432.5979, 590.8855

51.6041, 45.1805,
78.1225

117.8848,
107.9898, 167.2702

36.9126, 31.5996,
57.6576

148.5982,
137.5632, 207.6321

25.3132, 21.0559,
41.1206

184.2305,
172.0956, 254.0147

16.4405, 13.1648,
28.0929

225.1471,
211.9715, 306.8364

9.9292, 7.5422,
18.1560

271.7132,
257.5753, 366.5158

5.4140, 3.8034,
10.8915

324.2942,

2.5294, 1.5642,

309.2914, 433.4714

5.8807

383.2556,
367.5041, 508.1218

■ 0.9101, 0.3333,
2.7050

■ 0.0000, 0.0000,
0.9460

■ 69.7531, 62.1829,
102.9339

■ 69.7531, 62.1829,
102.9339

■ 61.3919, 50.2148,
101.0645

■ 79.2843, 76.2001,
105.1371

■ 54.1423, 40.1867,
99.5109

■ 90.0298, 92.3531,
107.6886

■ 47.9483, 31.9909,
98.2555

95.0500, 100.0000,
108.9000

■ 42.7464, 25.5057,
97.2778

■ 38.4655, 20.5939,
96.5554

■ 35.0233, 17.0967,
96.0618

■ 32.3198, 14.8197,
95.7648

■ 31.0323, 13.9126,
95.6576

Harmonies

Analogous

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



62.5736, 62.1829, 117.2172



69.7531, 62.1829, 102.9339



74.2758, 62.1829, 80.3664

Triad

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



69.7531, 62.1829, 102.9339



63.3722, 62.1829, 34.9448



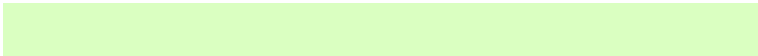
45.9776, 62.1829, 77.9332

Complementary

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



69.7531, 62.1829, 102.9339



74.3004, 90.2763, 63.9640

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.



46.1514, 62.1829, 56.4514



69.7531, 62.1829, 102.9339



55.7632, 62.1829, 34.5681

Square

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



69.7531, 62.1829, 102.9339



70.3809, 62.1829, 42.7728



49.5962, 62.1829, 41.6018



49.0992, 62.1829, 100.8261

Rectangle

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



69.7531, 62.1829, 102.9339



74.9534, 62.1829, 65.2157



49.5962, 62.1829, 41.6018



45.6612, 62.1829, 70.2601

Sweetspot

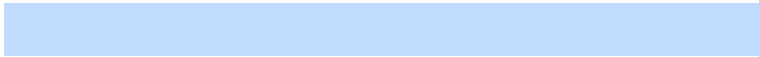
The Sweet Spot groups the original color and five complimentary colors.



69.7549, 62.1854, 102.9343



87.0190, 87.7956, 106.9676



65.3324, 69.1357, 104.5089



18.4836, 18.5775, 22.8616



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.



69.7549, 62.1854, 102.9343



65.6921, 56.3249, 102.0172



77.5403, 66.2938, 99.0150



18.0427, 17.9137, 22.7567



16.3884, 7.3590, 49.9912



1.7193, 0.7802, 4.8733

Inverse Universe

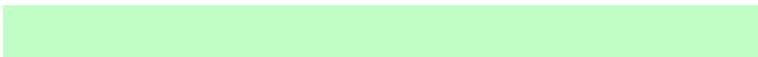
The Inverse Universe completely reimagines the original color for something new.



72.9663, 64.4642, 74.9286



69.5154, 59.0246, 69.2705



67.9664, 86.9432, 66.7292



18.3129, 18.1085, 20.2648



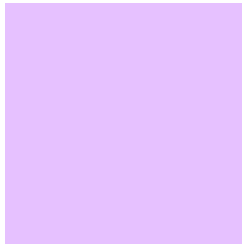
22.8925, 11.6463, 8.0841



2.2813, 1.1549, 1.0628

Previews

White Background



This preview shows how the XYZ color 69.7531, 62.1829, 102.9339 looks on a white background.

Color Contrast Check

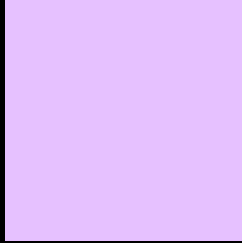
Large Text (above 18pt) WCAG AA × Fail

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 69.7531, 62.1829, 102.9339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

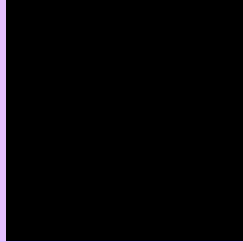
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7531, 62.1829, 102.9339

Background



This preview shows how black text looks on a background with the XYZ color 69.7531, 62.1829, 102.9339.



This preview shows how white text looks on a background with the XYZ color 69.7531, 62.1829,

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

69.7531, 62.1829, 102.9339

Protanopia

62.3870, 62.4847, 103.3804

Deuteranopia

63.7520, 62.1703, 101.5685



Tritanopia

63.7894, 62.1137, 73.5928

Trichromacy



Original Color

69.7531, 62.1829, 102.9339

Protanomaly

64.9491, 62.4032, 103.2296

Deuteranomaly

65.7534, 62.1487, 102.2963

Tritanomaly

65.6132, 61.8144, 83.3361

Monochromacy



Original Color

69.7531, 62.1829, 102.9339

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.3714, 63.6372, 81.5635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7531, 62.1829, 102.9339 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(230, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 193, 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(230, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.7531, 62.1829, 102.9339 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(230, 193, 255) }
```


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

```
.border{ border-color:rgb(230, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7531, 62.1829, 102.9339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 193, 255) }
```

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

```
.background{ background-color: rgb(230,  
193, 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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