

Converting Colors

XYZ(74.4624, 72.1693,
103.7818)

Have a look what the booklet for
XYZ(74.4624, 72.1693, 103.7818)
contains.

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Color

**XYZ(74.2491, 71.9069,
103.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D6FE
RGB	229, 214, 254
RGB Percent	90%, 84%, 100%
CMY	0.1020, 0.1608, 0.0039
CMYK	0.10, 0.16, 0.00, 0.00
HSL	262°, 95%, 92%
HSV	262°, 16%, 100%
XYZ	74.2491, 71.9069, 103.7320
YIQ	223.0450, -3.9000, 15.6200

Conversions

Conversions Part 2

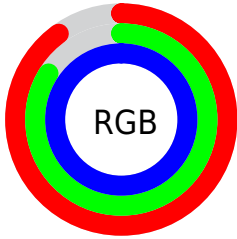
Format	Color
R _Y B	229, 214, 254
Decimal	15062782
CIE Lab	87.92, 12.54, -17.62
CIE LCh	88, 21.626, 305.453
Yxy	71.9069, 0.2971, 0.2878
Android (android.graphics.Color)	4293252862 (0xFFE5D6FE)
YUV	223.0450, 15.2608, 5.2225
Hunter-Lab	84.7979, 7.8983, -13.1700

Details

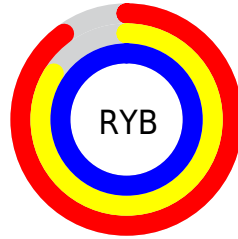
The XYZ color **74.2491, 71.9069, 103.7320** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.1785, 94.0912, 77.3992**, and the grayscale version is **70.0701, 73.7192, 80.2802**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7098, 37.7117, 58.0095** is the 20% darker color. If you saturate the color by 10%, you get **63.4796, 57.5463, 101.5289**, and if you desaturate by 10%, it is **86.4886, 88.5170, 106.2941**.

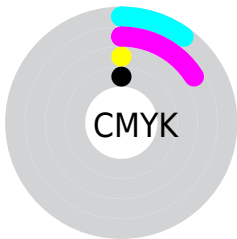
Distribution



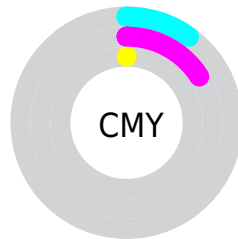
- Red (90%)
- Green (84%)
- Blue (100%)



- Red (90%)
- Yellow (84%)
- Blue (100%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2491, 71.9069, 103.7320 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 74.2491, 71.9069, 103.7320 by changing the saturation by 10% instead.

74.2491, 71.9069,
103.7320

74.2491, 71.9069,
103.7320

464.3697,
467.2175, 593.4412

55.2899, 53.0826,
78.7867

124.2425,
121.9242, 168.3729

39.8687, 37.8687,
58.2002

156.0074,
153.8859, 208.9056

27.6199, 25.8808,
41.5539

192.7716,
190.9957, 255.4711

18.1783, 16.7345,
28.4292

234.9005,
233.6377, 308.4881

11.1786, 10.0454,
18.4076

282.7594,
282.1966, 368.3751

6.2552, 5.4291,
11.0705

336.7136,

3.0430, 2.5011,

337.0565, 435.5506

5.9995

397.1286,
398.6021, 510.4331

■ 1.1766, 0.8772,
2.7760

■ 0.0877, 0.0000,
0.9814

■ 74.2491, 71.9069,
103.7320

■ 74.2491, 71.9069,
103.7320

■ 63.4796, 57.5463,
101.5289

■ 86.4886, 88.5170,
106.2941

■ 54.1148, 45.3272,
99.6639

94.8896, 99.9358,
108.0554

■ 46.0941, 35.1459,
98.1215

■ 39.3495, 26.8866,
96.8827

■ 33.8065, 20.4212,
95.9269

■ 29.3820, 15.6057,
95.2307

■ 25.9804, 12.2725,
94.7666

■ 23.4859, 10.2152,
94.5009

■ 22.6341, 9.6017,
94.4274

Harmonies

Analogous

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



69.2903, 71.9069, 110.0413



74.2491, 71.9069, 103.7320



77.7505, 71.9069, 90.6722

Triad

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



74.2491, 71.9069, 103.7320



72.5407, 71.9069, 55.2352



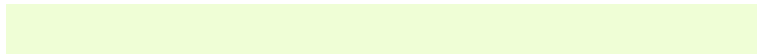
58.9575, 71.9069, 81.0192

Complementary

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



74.2491, 71.9069, 103.7320



83.1785, 94.0912, 77.3992

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.



59.7310, 71.9069, 67.0977



74.2491, 71.9069, 103.7320



67.4091, 71.9069, 53.3287

Square

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



74.2491, 71.9069, 103.7320



76.7300, 71.9069, 62.9755



62.7632, 71.9069, 57.3976



60.5950, 71.9069, 95.9155

Rectangle

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



74.2491, 71.9069, 103.7320



78.6953, 71.9069, 80.5636



62.7632, 71.9069, 57.3976



58.9452, 71.9069, 76.0682

Sweetspot

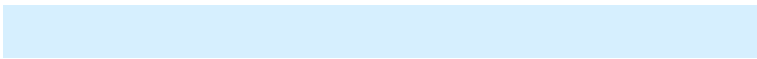
The Sweet Spot groups the original color and five complimentary colors.



74.2513, 71.9099, 103.7336



88.2452, 90.6529, 107.4545



76.5876, 83.3827, 105.8249



18.6900, 19.1325, 22.9578



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.



74.2513, 71.9099, 103.7336



71.2172, 67.5900, 103.9004



80.8863, 75.3304, 104.0441



17.6465, 17.7095, 22.7382



12.0826, 5.1393, 49.7897



1.2927, 0.5603, 4.8533

Inverse Universe

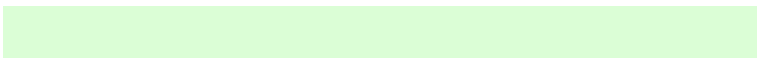
The Inverse Universe completely reimagines the original color for something new.



80.5020, 75.3990, 91.9751



78.7056, 71.7726, 89.6981



76.8957, 90.8523, 77.1051



18.4869, 18.1781, 21.1812



24.9110, 12.4537, 18.7134



2.4785, 1.2338, 2.1013

Previews

White Background



This preview shows how the XYZ color 74.2491, 71.9069, 103.7320 looks on a white background.

Color Contrast Check

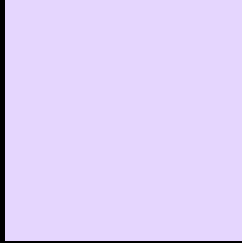
Large Text (above 18pt) WCAG AA × Fail

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 74.2491, 71.9069, 103.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

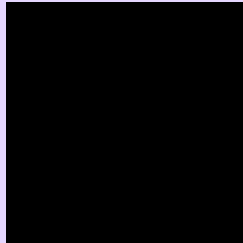
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2491, 71.9069, 103.7320

Background



This preview shows how black text looks on a background with the XYZ color 74.2491, 71.9069, 103.7320.

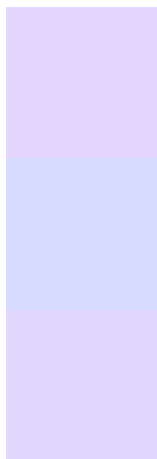


This preview shows how white text looks on a background with the XYZ color 74.2491, 71.9069,

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

74.2491, 71.9069, 103.7320

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

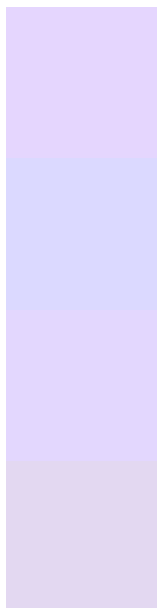
73.5539, 71.9254, 103.7722



Tritanopia

71.0282, 71.7350, 87.9445

Trichromacy



Original Color

74.2491, 71.9069, 103.7320

Protanomaly

72.0763, 71.9058, 104.6881

Deuteranomaly

73.8684, 72.0875, 103.7869

Tritanomaly

72.1116, 71.7935, 93.2759

Monochromacy



Original Color

74.2491, 71.9069, 103.7320

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.4958, 73.1345, 88.1900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2491, 71.9069, 103.7320 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(229, 214, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 214, 254)  
}
```

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(229, 214, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 214, 254) }
```

Border

The CSS property to change the border of an element to XYZ 74.2491, 71.9069, 103.7320 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(229, 214, 254) }
```


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

```
.border{ border-color:rgb(229, 214, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 214, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 214, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 214, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 214,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2491, 71.9069, 103.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 214, 254) }
```

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

```
.background{ background-color: rgb(229,  
214, 254) }
```

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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