

Converting Colors

XYZ(72.4173, 71.3180, 95.9440)

Have a look what the booklet for
XYZ(72.4173, 71.3180, 95.9440)
contains.

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Color

**XYZ(72.5229, 71.1797,
96.3029)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E4D6F5 |
| RGB | 228, 214, 245 |
| RGB Percent | 89%, 84%, 96% |
| CMY | 0.1059, 0.1608, 0.0392 |
| CMYK | 0.07, 0.13, 0.00, 0.04 |
| HSL | 267°, 61%, 90% |
| HSV | 267°, 13%, 96% |
| XYZ | 72.5229, 71.1797, 96.3029 |
| YIQ | 221.7200, -1.6070, 12.6090 |

Conversions

Conversions Part 2

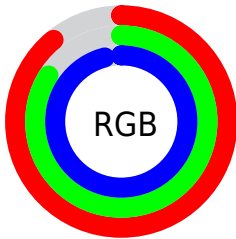
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 228, 214, 245 |
| Decimal | 14997237 |
| CIE Lab | 87.57, 10.46, -13.41 |
| CIE LCh | 88, 17.006, 307.966 |
| Yxy | 71.1797, 0.3022, 0.2966 |
| Android (android.graphics.Color) | 4293187317 (0xFFE4D6F5) |
| YUV | 221.7200, 11.4770, 5.5076 |
| Hunter-Lab | 84.3681, 5.7947, -8.6196 |

Details

The XYZ color **72.5229, 71.1797, 96.3029** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7476, 87.1507, 76.3459**, and the grayscale version is **69.1579, 72.7595, 79.2351**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5967, 37.2411, 53.2981** is the 20% darker color. If you saturate the color by 10%, you get **62.6848, 57.5868, 94.1988**, and if you desaturate by 10%, it is **83.6291, 86.8145, 98.7365**.

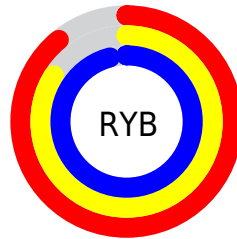
Distribution



Red (89%)

Green (84%)

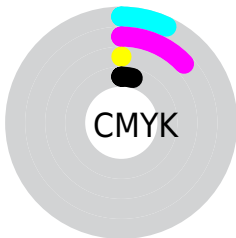
Blue (96%)



Red (89%)

Yellow (84%)

Blue (96%)

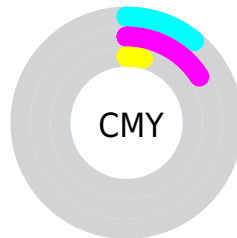


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5229, 71.1797, 96.3029 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 72.5229, 71.1797, 96.3029 by changing the saturation by 10% instead.

72.5229, 71.1797,
96.3029

72.5229, 71.1797,
96.3029

458.4890,
464.6814, 569.4183

53.8729, 52.4889,
72.6170

121.8065,
120.8896, 158.0744

38.7303, 37.3949,
53.1729

153.1707,
152.6774, 196.9971

26.7298, 25.5134,
37.5522

189.5038,
189.5996, 241.8358

17.5059, 16.4600,
25.3362

231.1711,
232.0407, 293.0090

10.6934, 9.8502,
16.1064

278.5379,
280.3850, 350.9354

5.9268, 5.2998,
9.4443

331.9696,

2.8409, 2.4242,

335.0170, 416.0333

4.9313

391.8315,
396.3210, 488.7214

■ 1.0702, 0.8383,
2.1490

■ 0.0000, 0.0000,
0.6447

■ 72.5229, 71.1797,
96.3029

■ 72.5229, 71.1797,
96.3029

■ 62.6848, 57.5868,
94.1988

■ 83.6291, 86.8145,
98.7365

■ 54.0595, 45.9400,
92.4054

■ 93.4359, 99.3491,
100.6390

■ 46.5967, 36.1489,
90.9088

■ 93.4816, 99.3727,
100.6411

■ 40.2399, 28.1124,
89.6927

■ 34.9272, 21.7195,
88.7387

■ 30.5901, 16.8458,
88.0266

■ 27.1502, 13.3483,
87.5328

■ 24.5143, 11.0548,
87.2291

■ 22.9911, 9.9484,
87.0958

Harmonies

Analogous

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



68.7313, 71.1797, 101.5649



72.5229, 71.1797, 96.3029



75.0771, 71.1797, 86.1100

Triad

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



72.5229, 71.1797, 96.3029



70.5964, 71.1797, 58.7358



60.2824, 71.1797, 80.6118

Complementary

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



72.5229, 71.1797, 96.3029



77.7476, 87.1507, 76.3459

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.



60.7374, 71.1797, 69.4888



72.5229, 71.1797, 96.3029



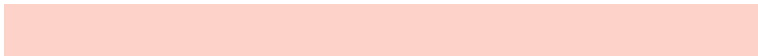
66.5884, 71.1797, 57.5768

Square

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



72.5229, 71.1797, 96.3029



73.9345, 71.1797, 64.6631



63.0084, 71.1797, 61.3236



61.7400, 71.1797, 91.9382

Rectangle

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



72.5229, 71.1797, 96.3029



75.6788, 71.1797, 78.2913



63.0084, 71.1797, 61.3236



60.2179, 71.1797, 76.7192

Sweetspot

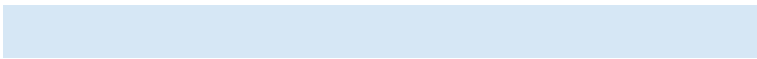
The Sweet Spot groups the original color and five complimentary colors.



72.5250, 71.1827, 96.3045



89.8537, 92.6183, 107.7491



72.8055, 78.0711, 97.6193



19.0287, 19.5359, 23.0178



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.



72.5250, 71.1827, 96.3045



76.7374, 74.2131, 104.8878



77.6477, 73.8236, 96.5442



16.2918, 16.2931, 20.8288



12.5402, 5.4390, 46.9269



1.2188, 0.5382, 4.1299

Inverse Universe

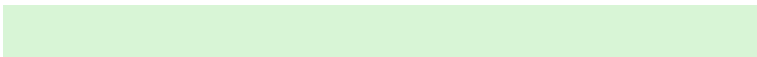
The Inverse Universe completely reimagines the original color for something new.



76.1290, 73.2783, 85.7365



81.3811, 76.9140, 91.2361



72.9787, 84.6922, 76.1227



16.8794, 16.6346, 19.1116



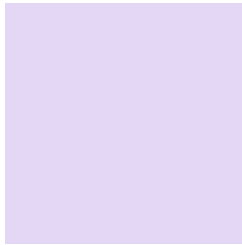
22.6890, 11.4190, 13.6026



2.0459, 1.0243, 1.4682

Previews

White Background



This preview shows how the XYZ color 72.5229, 71.1797, 96.3029 looks on a white background.

Color Contrast Check

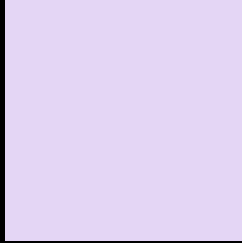
Large Text (above 18pt) WCAG AA × Fail

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 72.5229, 71.1797, 96.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

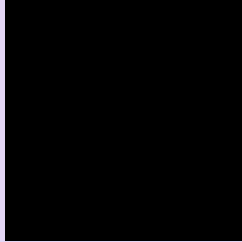
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5229, 71.1797, 96.3029

Background



This preview shows how black text looks on a background with the XYZ color 72.5229, 71.1797, 96.3029.

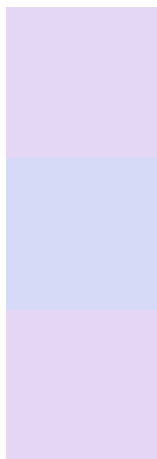


This preview shows how white text looks on a background with the XYZ color 72.5229, 71.1797,

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

72.5229, 71.1797, 96.3029

Protanopia

69.8842, 71.3053, 98.0757

Deuteranopia

72.8411, 71.3437, 96.3178



Tritanopia

70.6279, 71.1637, 87.1043

Trichromacy



Original Color

72.5229, 71.1797, 96.3029

Protanomaly

70.9626, 71.4952, 97.2486

Deuteranomaly

72.8411, 71.3437, 96.3178

Tritanomaly

71.2651, 71.0462, 90.0780

Monochromacy



Original Color

72.5229, 71.1797, 96.3029

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.3549, 72.2235, 85.0953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5229, 71.1797, 96.3029 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(228, 214, 245)` looks like.

```
.text, #text, p{  
    color:rgb(228, 214, 245)  
}
```

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(228, 214, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 214, 245) }
```

Border

The CSS property to change the border of an element to XYZ 72.5229, 71.1797, 96.3029 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(228, 214, 245) }
```


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

```
.border{ border-color:rgb(228, 214, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 214, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 214, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 214, 245);  
box-shadow:4px 4px 4px 4px rgb(228, 214,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5229, 71.1797, 96.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 214, 245) }
```

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

```
.background{ background-color: rgb(228,  
214, 245) }
```

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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