

Converting Colors

XYZ(74.2461, 73.9541, 99.6791)

Have a look what the booklet for
XYZ(74.2461, 73.9541, 99.6791)
contains.

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Color

**XYZ(74.4253, 73.9966,
99.9827)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DBF9
RGB	228, 219, 249
RGB Percent	89%, 86%, 98%
CMY	0.1059, 0.1412, 0.0235
CMYK	0.08, 0.12, 0.00, 0.02
HSL	258°, 71%, 92%
HSV	258°, 12%, 98%
XYZ	74.4253, 73.9966, 99.9827
YIQ	225.1110, -4.2660, 11.2380

Conversions

Conversions Part 2

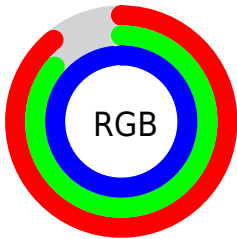
Format	Color
R _Y B	228, 219, 249
Decimal	14998521
CIE Lab	88.92, 8.61, -13.50
CIE LCh	89, 16.009, 302.534
Yxy	73.9966, 0.2996, 0.2979
Android (android.graphics.Color)	4293188601 (0xFFE4DBF9)
YUV	225.1110, 11.7773, 2.5337
Hunter-Lab	86.0213, 3.9003, -8.6980

Details

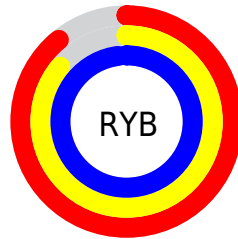
The XYZ color **74.4253, 73.9966, 99.9827** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5998, 91.3931, 80.3086**, and the grayscale version is **71.5699, 75.2971, 81.9986**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9144, 39.1718, 55.9093** is the 20% darker color. If you saturate the color by 10%, you get **63.1552, 59.2555, 97.7325**, and if you desaturate by 10%, it is **87.2291, 90.9747, 102.5861**.

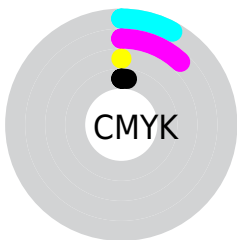
Distribution



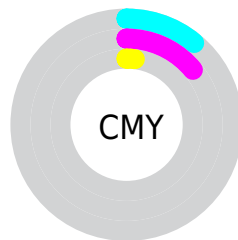
- Red (89%)
- Green (86%)
- Blue (98%)



- Red (89%)
- Yellow (86%)
- Blue (98%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (11%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4253, 73.9966, 99.9827 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 74.4253, 73.9966, 99.9827 by changing the saturation by 10% instead.

74.4253, 73.9966,
99.9827

74.4253, 73.9966,
99.9827

464.9676,
474.4616, 581.3834

55.4347, 54.7913,
75.6693

124.4908,
124.8910, 163.1851

39.9851, 39.2346,
55.6563

156.2964,
157.3488, 202.9111

27.7111, 26.9423,
39.5253

193.1044,
194.9929, 248.6118

18.2473, 17.5299,
26.8577

235.2801,
238.2077, 300.7056

11.2285, 10.6130,
17.2349

283.1890,
287.3776, 359.6112

6.2891, 5.8073,
10.2384

337.1962,

3.0640, 2.7282,

342.8870, 425.7469

5.4496

397.6673,
405.1202, 499.5315

■ 1.1877, 0.9916,
2.4501

■ 0.0966, 0.0000,
0.8135

■ 74.4253, 73.9966,
99.9827

■ 74.4253, 73.9966,
99.9827

■ 63.1552, 59.2555,
97.7325

■ 87.2291, 90.9747,
102.5861

■ 53.3528, 46.6475,
95.8156

■ 94.0991, 99.6196,
103.8927

■ 44.9567, 36.0745,
94.2173

■ 37.8987, 27.4268,
92.9201

■ 32.1045, 20.5840,
91.9047

■ 27.4918, 15.4119,
91.1495

■ 23.9675, 11.7568,
90.6298

■ 21.4222, 9.4345,
90.3157

■ 19.9759, 8.3227,
90.1773

Harmonies

Analogous

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



70.6622, 73.9966, 103.8845



74.4253, 73.9966, 99.9827



77.1690, 73.9966, 90.8439

Triad

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



74.4253, 73.9966, 99.9827



73.8330, 73.9966, 63.0414



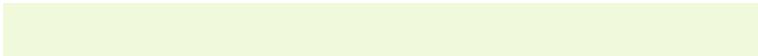
63.1306, 73.9966, 81.5190

Complementary

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



74.4253, 73.9966, 99.9827



82.5998, 91.3931, 80.3086

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.



63.9104, 73.9966, 71.1009



74.4253, 73.9966, 99.9827



70.0019, 73.9966, 61.0336

Square

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



74.4253, 73.9966, 99.9827



76.8183, 73.9966, 69.6047



66.3907, 73.9966, 63.8478



64.2207, 73.9966, 92.6297

Rectangle

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



74.4253, 73.9966, 99.9827



78.0002, 73.9966, 83.3814



66.3907, 73.9966, 63.8478



63.1827, 73.9966, 77.8220

Sweetspot

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



74.4275, 73.9997, 99.9843



89.3034, 92.3346, 107.7233



77.6223, 84.5170, 101.8460



18.8897, 19.4642, 23.0113



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.



74.4275, 73.9997, 99.9843



76.0953, 74.8639, 105.0473



79.2226, 76.4717, 100.2087



16.7724, 16.8953, 21.7624



10.8172, 4.5191, 48.2757



1.1039, 0.4711, 4.4759

Inverse Universe

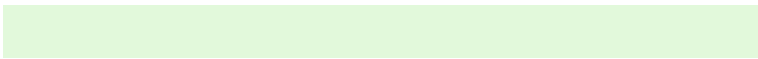
The Inverse Universe completely reimagines the original color for something new.



80.1292, 77.0974, 93.0998



83.0235, 78.6292, 96.6223



77.8719, 88.9558, 80.0874



17.7583, 17.4307, 20.5828



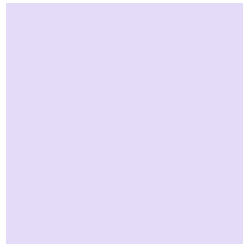
25.0839, 12.4493, 22.9480



2.3700, 1.1717, 2.3718

Previews

White Background



This preview shows how the XYZ color 74.4253, 73.9966, 99.9827 looks on a white background.

Color Contrast Check

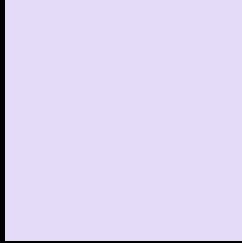
Large Text (above 18pt) WCAG AA × Fail

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 74.4253, 73.9966, 99.9827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

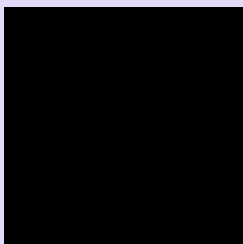
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4253, 73.9966, 99.9827

Background



This preview shows how black text looks on a background with the XYZ color 74.4253, 73.9966, 99.9827.

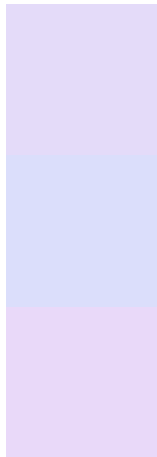


This preview shows how white text looks on a background with the XYZ color 74.4253, 73.9966,

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

74.4253, 73.9966, 99.9827

Protanopia

72.7473, 74.2677, 101.7677

Deuteranopia

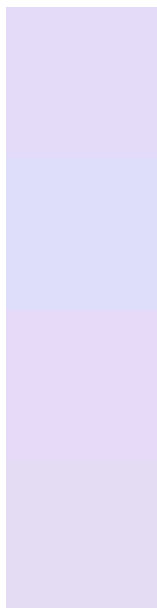
75.5160, 73.7889, 99.8851



Tritanopia

72.6531, 74.0547, 91.3537

Trichromacy



Original Color

74.4253, 73.9966, 99.9827

Protanomaly

73.2360, 74.1446, 100.8939

Deuteranomaly

75.1253, 73.9713, 99.9409

Tritanomaly

73.2988, 73.9281, 94.4107

Monochromacy



Original Color

74.4253, 73.9966, 99.9827

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.6030, 74.8846, 88.4695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4253, 73.9966, 99.9827 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, 219, 249)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 249)  
}
```

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, 219, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 249) }
```

Border

The CSS property to change the border of an element to XYZ 74.4253, 73.9966, 99.9827 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, 219, 249) }
```


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

```
.border{ border-color:rgb(228, 219, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 219, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 219, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 219, 249); box-shadow:4px 4px 4px 4px rgb(228, 219, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4253, 73.9966, 99.9827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 249) }
```

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

```
.background{ background-color: rgb(228,  
219, 249) }
```

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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