

Converting Colors

XYZ(71.7083, 69.7322,
100.6943)

Have a look what the booklet for
XYZ(71.7083, 69.7322, 100.6943)
contains.

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Color

**XYZ(72.0074, 70.0596,
100.9944)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D4FB
RGB	225, 212, 251
RGB Percent	88%, 83%, 98%
CMY	0.1176, 0.1686, 0.0157
CMYK	0.10, 0.16, 0.00, 0.02
HSL	260°, 83%, 91%
HSV	260°, 16%, 98%
XYZ	72.0074, 70.0596, 100.9944
YIQ	220.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

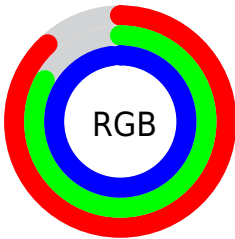
Format	Color
R_{YB}	225, 212, 251
Decimal	14800123
CIE _{Lab}	87.03, 11.73, -17.42
CIE _{LCh}	87, 20.999, 303.962
Yxy	70.0596, 0.2963, 0.2882
Android (android.graphics.Color)	4292990203 (0xFFE1D4FB)
YUV	220.3330, 15.1188, 4.0930
Hunter-Lab	83.7016, 7.0834, -12.9482

Details

The XYZ color **72.0074, 70.0596, 100.9944** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.6433, 91.9268, 75.7314**, and the grayscale version is **68.1619, 71.7117, 78.0940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3721, 36.5550, 56.0723** is the 20% darker color. If you saturate the color by 10%, you get **61.2507, 55.9142, 98.8321**, and if you desaturate by 10%, it is **84.2551, 86.4252, 103.5088**.

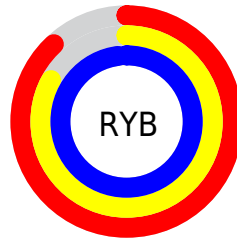
Distribution



Red (88%)

Green (83%)

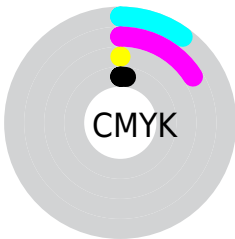
Blue (98%)



Red (88%)

Yellow (83%)

Blue (98%)

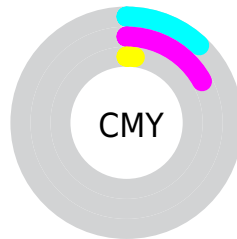


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (12%)

Magenta (17%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0074, 70.0596, 100.9944 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 72.0074, 70.0596, 100.9944 by changing the saturation by 10% instead.

72.0074, 70.0596,
100.9944

72.0074, 70.0596,
100.9944

456.7246,
460.7592, 584.6500

53.4502, 51.5751,
76.5098

121.0778,
119.2937, 164.5868

38.3912, 36.6665,
56.3414

152.3217,
150.8122, 204.5317

26.4650, 24.9494,
40.0709

188.5252,
187.4441, 250.4670

17.3064, 16.0394,
27.2796

230.0537,
229.5739, 302.8114

10.5498, 9.5520,
17.5491

277.2726,
277.5859, 361.9834

5.8300, 5.1030,
10.4606

330.5471,

2.7817, 2.3078,

331.8645, 428.4014

5.5959

390.2426,
392.7942, 502.4841

■ 1.0394, 0.7778,
2.5361

■ 0.0000, 0.0000,
0.8592

■ 72.0074, 70.0596,
100.9944

■ 72.0074, 70.0596,
100.9944

■ 61.2507, 55.9142,
98.8321

■ 84.2551, 86.4252,
103.5088

■ 51.9189, 43.8827,
97.0016

■ 94.4128, 99.7451,
105.5445

■ 43.9505, 33.8632,
95.4877

■ 37.2765, 25.7420,
94.2718

■ 31.8215, 19.3932,
93.3339

■ 27.5016, 14.6754,
92.6510

■ 24.2202, 11.4247,
92.1965

■ 21.8616, 9.4397,
91.9376

■ 21.0382, 8.8341,
91.8641

Harmonies

Analogous

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



67.2443, 70.0596, 106.5810



72.0074, 70.0596, 100.9944



75.4431, 70.0596, 88.7862

Triad

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



72.0074, 70.0596, 100.9944



70.8230, 70.0596, 54.4653



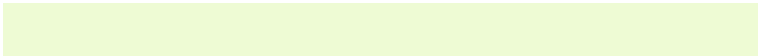
57.6031, 70.0596, 78.1674

Complementary

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



72.0074, 70.0596, 100.9944



81.6433, 91.9268, 75.7314

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.



58.4573, 70.0596, 65.0125



72.0074, 70.0596, 100.9944



65.9390, 70.0596, 52.3512

Square

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



72.0074, 70.0596, 100.9944



74.7360, 70.0596, 62.1456



61.4505, 70.0596, 55.9720



59.0577, 70.0596, 92.4166

Rectangle

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



72.0074, 70.0596, 100.9944



76.4324, 70.0596, 79.1646



61.4505, 70.0596, 55.9720



57.6302, 70.0596, 73.4722

Sweetspot

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



72.0095, 70.0625, 100.9959



88.0580, 90.5564, 107.4457



75.3305, 82.4927, 103.2202



18.6446, 19.1091, 22.9557



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.



72.0095, 70.0625, 100.9959



70.5923, 67.2679, 103.8711



78.2144, 73.2613, 101.2863



16.8281, 16.9240, 21.7650



11.1957, 4.7143, 48.2934



1.1443, 0.4920, 4.4778

Inverse Universe

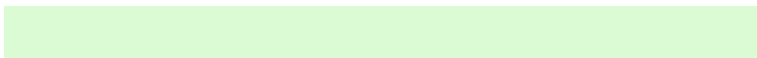
The Inverse Universe completely reimagines the original color for something new.



78.7622, 73.7723, 90.9806



79.0021, 71.8912, 91.2595



75.6418, 88.8329, 75.4505



17.7327, 17.4204, 20.4482



24.6655, 12.2819, 20.7447



2.3336, 1.1572, 2.1802

Previews

White Background



This preview shows how the XYZ color 72.0074, 70.0596, 100.9944 looks on a white background.

Color Contrast Check

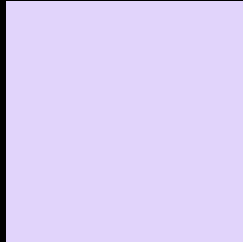
Large Text (above 18pt) WCAG AA × Fail

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 72.0074, 70.0596, 100.9944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

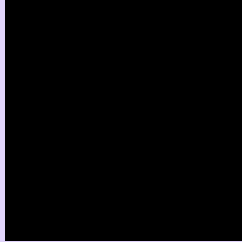
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0074, 70.0596, 100.9944

Background



This preview shows how black text looks on a background with the XYZ color 72.0074, 70.0596, 100.9944.

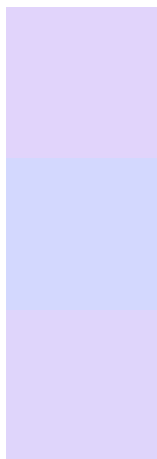


This preview shows how white text looks on a background with the XYZ color 72.0074, 70.0596,

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

72.0074, 70.0596, 100.9944

Protanopia

69.3092, 70.1164, 103.6468

Deuteranopia

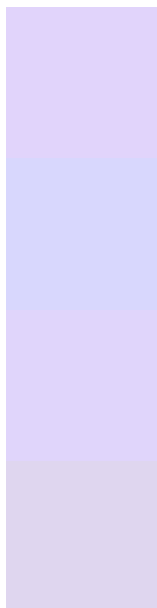
71.6383, 70.2415, 101.0490



Tritanopia

68.9901, 69.9567, 86.2107

Trichromacy



Original Color

72.0074, 70.0596, 100.9944

Protanomaly

70.3490, 70.2917, 102.7884

Deuteranomaly

71.9473, 70.4008, 101.0635

Tritanomaly

70.0580, 70.0131, 91.4828

Monochromacy



Original Color

72.0074, 70.0596, 100.9944

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3609, 70.9248, 85.6355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0074, 70.0596, 100.9944 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(225, 212, 251)` looks like.

```
.text, #text, p{  
    color:rgb(225, 212, 251)  
}
```

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(225, 212, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 212, 251) }
```

Border

The CSS property to change the border of an element to XYZ 72.0074, 70.0596, 100.9944 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(225, 212, 251) }
```


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

```
.border{ border-color:rgb(225, 212, 251) }
```

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

Here you see how a box with a 4 pixel rgb(225, 212, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 212, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 212, 251);  
box-shadow:4px 4px 4px 4px rgb(225, 212,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0074, 70.0596, 100.9944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 212, 251) }
```

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

```
.background{ background-color: rgb(225,  
212, 251) }
```

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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