

Converting Colors

XYZ(72.0932, 74.6405,
101.0829)

Have a look what the booklet for
XYZ(72.0932, 74.6405, 101.0829)
contains.

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Color

**XYZ(72.2299, 74.8124,
101.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E0FA
RGB	216, 224, 250
RGB Percent	85%, 88%, 98%
CMY	0.1529, 0.1215, 0.0196
CMYK	0.14, 0.10, 0.00, 0.02
HSL	226°, 77%, 91%
HSV	226°, 14%, 98%
XYZ	72.2299, 74.8124, 101.0758
YIQ	224.5720, -13.1140, 6.3900

Conversions

Conversions Part 2

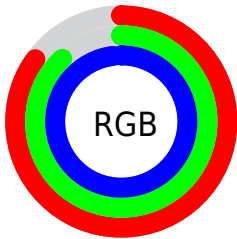
Format	Color
R _Y B	216, 222, 250
Decimal	14213370
CIE Lab	89.31, 2.38, -13.54
CIE LCh	89, 13.747, 279.957
Yxy	74.8124, 0.2911, 0.3015
Android (android.graphics.Color)	4292403450 (0xFFD8E0FA)
YUV	224.5720, 12.5360, -7.5176
Hunter-Lab	86.4942, -2.3023, -8.7395

Details

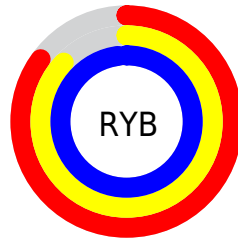
The XYZ color **72.2299, 74.8124, 101.0758** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.5716, 88.7858, 77.7000**, and the grayscale version is **71.1825, 74.8895, 81.5547**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6235, 39.8480, 56.6947** is the 20% darker color. If you saturate the color by 10%, you get **60.5468, 61.5886, 99.1403**, and if you desaturate by 10%, it is **85.6187, 89.7768, 103.2597**.

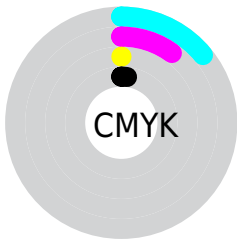
Distribution



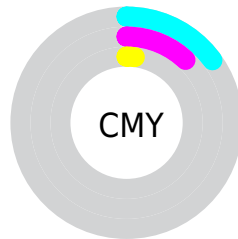
- Red (85%)
- Green (88%)
- Blue (98%)



- Red (85%)
- Yellow (87%)
- Blue (98%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2299, 74.8124, 101.0758 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 72.2299, 74.8124, 101.0758 by changing the saturation by 10% instead.

■ 72.2299, 74.8124,
101.0758

■ 72.2299, 74.8124,
101.0758

457.4866,
477.2725, 584.9124

■ 53.6326, 55.4592,
76.5774

121.3924,
126.0468, 164.6995

■ 38.5375, 39.7695,
56.3966

152.6883,
158.6967, 204.6620

■ 26.5793, 27.3589,
40.1149

188.9478,
196.5478, 250.6162

■ 17.3924, 17.8429,
27.3137

230.5362,
239.9842, 302.9807

■ 10.6117, 10.8373,
17.5744

277.8190,
289.3906, 362.1740

■ 5.8717, 5.9575,
10.4786

331.1614,

■ 2.8072, 2.8193,

345.1511, 428.6147

5.6077

390.9288,
407.6503, 502.7213

■ 1.0526, 1.0381,
2.5431

■ 0.0000, 0.0000,
0.8629

■ 72.2299, 74.8124,
101.0758

■ 72.2299, 74.8124,
101.0758

■ 60.5468, 61.5886,
99.1403

■ 85.6187, 89.7768,
103.2597

■ 50.4931, 50.0320,
97.4395

■ 94.2555, 99.6822,
104.7165

■ 41.9965, 40.0774,
95.9659

■ 34.9765, 31.6519,
94.7096

■ 29.3451, 24.6764,
93.6600

■ 25.0043, 19.0643,
92.8056

■ 21.8427, 14.7190,
92.1335

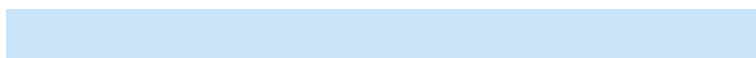
■ 19.7276, 11.5291,
91.6292

■ 18.8116, 10.0143,
91.3851

Harmonies

Analogous

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



68.9155, 74.8124, 100.1066



72.2299, 74.8124, 101.0758



75.3374, 74.8124, 96.4807

Triad

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



72.2299, 74.8124, 101.0758



76.1753, 74.8124, 70.1434



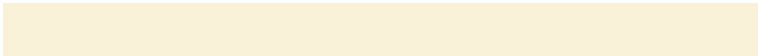
65.2084, 74.8124, 75.2794

Complementary

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



72.2299, 74.8124, 101.0758



83.5716, 88.7858, 77.7000

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.



67.0379, 74.8124, 68.0817



72.2299, 74.8124, 101.0758



73.3444, 74.8124, 65.2823

Square

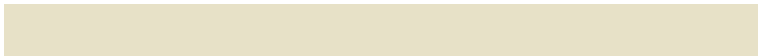
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2299, 74.8124, 101.0758



77.6623, 74.8124, 78.3004



69.9957, 74.8124, 64.5585



64.9313, 74.8124, 84.6993

Rectangle

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



72.2299, 74.8124, 101.0758



76.8477, 74.8124, 91.0775



69.9957, 74.8124, 64.5585



65.6594, 74.8124, 72.5408

Sweetspot

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



72.2321, 74.8155, 101.0775



88.9587, 93.2410, 107.9164



78.4579, 89.3523, 96.7241



18.8027, 19.6925, 23.0600



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.



72.2321, 74.8155, 101.0775



72.4428, 74.7520, 105.2182



72.7083, 71.9428, 100.4979



16.6146, 17.3061, 21.8500



10.0690, 5.4936, 48.5032



1.0102, 0.6642, 4.5181

Inverse Universe

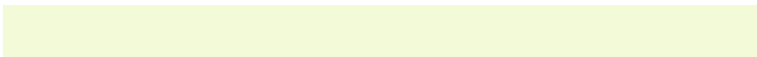
The Inverse Universe completely reimagines the original color for something new.



77.4366, 74.8193, 80.8848



78.7651, 74.8256, 80.6728



83.0282, 92.1193, 78.3721



17.4120, 17.2922, 18.7594



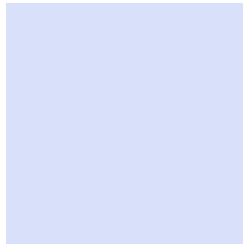
21.3744, 10.9655, 3.4141



2.0188, 1.0313, 0.5227

Previews

White Background



This preview shows how the XYZ color 72.2299, 74.8124, 101.0758 looks on a white background.

Color Contrast Check

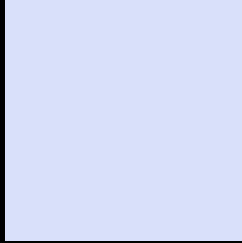
Large Text (above 18pt) WCAG AA × Fail

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 72.2299, 74.8124, 101.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

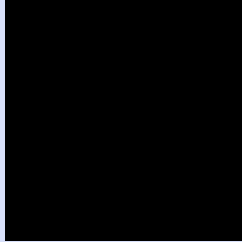
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2299, 74.8124, 101.0758

Background



This preview shows how black text looks on a background with the XYZ color 72.2299, 74.8124, 101.0758.

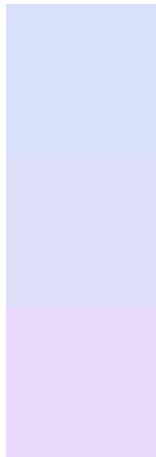


This preview shows how white text looks on a background with the XYZ color 72.2299, 74.8124,

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

72.2299, 74.8124, 101.0758

Protanopia

73.3054, 74.9871, 100.2329

Deuteranopia

76.0883, 74.4315, 101.6232



Tritanopia

71.1272, 74.7686, 95.4770

Trichromacy



Original Color

72.2299, 74.8124, 101.0758

Protanomaly

72.7000, 74.6750, 100.2045

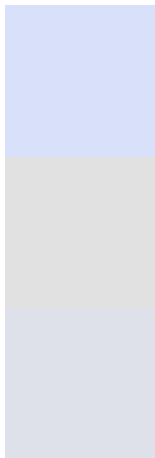
Deuteranomaly

74.6843, 74.4823, 101.7070

Tritanomaly

71.5841, 74.9513, 97.8829

Monochromacy



Original Color

72.2299, 74.8124, 101.0758

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.9007, 75.3205, 88.5906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2299, 74.8124, 101.0758 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(216, 224, 250)` looks like.

```
.text, #text, p{  
    color:rgb(216, 224, 250)  
}
```

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(216, 224, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 224, 250) }
```

Border

The CSS property to change the border of an element to XYZ 72.2299, 74.8124, 101.0758 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(216, 224, 250) }
```


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

```
.border{ border-color:rgb(216, 224, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 224, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 224, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 224, 250);  
box-shadow:4px 4px 4px 4px rgb(216, 224,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2299, 74.8124, 101.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 224, 250) }
```

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

```
.background{ background-color: rgb(216,  
224, 250) }
```

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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