

Converting Colors

XYZ(73.5947, 72.4009,
100.5398)

Have a look what the booklet for
XYZ(73.5947, 72.4009, 100.5398)
contains.

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Color

**XYZ(73.4897, 72.3448,
100.5331)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D8FA
RGB	227, 216, 250
RGB Percent	89%, 85%, 98%
CMY	0.1098, 0.1529, 0.0196
CMYK	0.09, 0.14, 0.00, 0.02
HSL	259°, 77%, 91%
HSV	259°, 14%, 98%
XYZ	73.4897, 72.3448, 100.5331
YIQ	223.1650, -4.3580, 12.9060

Conversions

Conversions Part 2

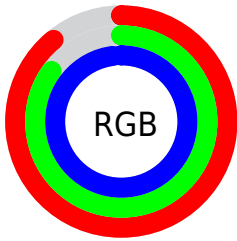
Format	Color
R _Y B	227, 216, 250
Decimal	14932218
CIE Lab	88.13, 10.06, -15.21
CIE LCh	88, 18.236, 303.484
Yxy	72.3448, 0.2983, 0.2936
Android (android.graphics.Color)	4293122298 (0xFFE3D8FA)
YUV	223.1650, 13.2297, 3.3633
Hunter-Lab	85.0557, 5.3797, -10.5398

Details

The XYZ color **73.4897, 72.3448, 100.5331** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1796, 91.6818, 78.3344**, and the grayscale version is **70.1695, 73.8238, 80.3941**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1651, 37.9979, 55.7222** is the 20% darker color. If you saturate the color by 10%, you get **62.4910, 57.8807, 98.3221**, and if you desaturate by 10%, it is **85.9913, 89.0340, 103.0967**.

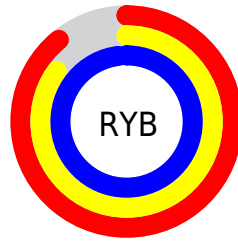
Distribution



Red (89%)

Green (85%)

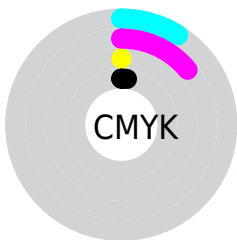
Blue (98%)



Red (89%)

Yellow (85%)

Blue (98%)

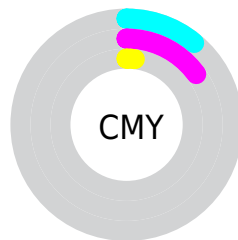


Cyan (9%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (11%)

Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4897, 72.3448, 100.5331 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 73.4897, 72.3448, 100.5331 by changing the saturation by 10% instead.

73.4897, 72.3448,
100.5331

73.4897, 72.3448,
100.5331

461.7878,
468.7408, 583.1618

54.6663, 53.4404,
76.1265

123.1715,
122.5466, 163.9479

39.3674, 38.1544,
56.0289

154.7607,
154.6128, 203.7930

27.2277, 26.1026,
39.8220

191.3358,
191.8351, 249.6215

17.8817, 16.9004,
27.0870

233.2621,
234.5977, 301.8518

10.9643, 10.1635,
17.4056

280.9052,
283.2853, 360.9024

6.1099, 5.5075,
10.3591

334.6302,

2.9533, 2.5480,

338.2820, 427.1919

5.5290

394.8027,
399.9724, 501.1389

■ 1.1291, 0.9006,
2.4967

■ 0.0493, 0.0000,
0.8384

■ 73.4897, 72.3448,
100.5331

■ 73.4897, 72.3448,
100.5331

■ 62.4910, 57.8807,
98.3221

■ 85.9913, 89.0340,
103.0967

■ 52.9296, 45.5369,
96.4434

■ 94.2555, 99.6822,
104.7164

■ 44.7448, 35.2140,
94.8823

■ 37.8686, 26.8006,
93.6207

■ 32.2270, 20.1745,
92.6391

■ 27.7377, 15.1984,
91.9153

■ 24.3071, 11.7148,
91.4237

■ 21.8240, 9.5325,
91.1333

■ 20.6374, 8.6456,
91.0247

Harmonies

Analogous

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



69.2722, 72.3448, 105.2394



73.4897, 72.3448, 100.5331



76.5367, 72.3448, 89.9797

Triad

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



73.4897, 72.3448, 100.5331



72.5713, 72.3448, 59.1869



60.7310, 72.3448, 80.2390

Complementary

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



73.4897, 72.3448, 100.5331



82.1796, 91.6818, 78.3344

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.



61.5317, 72.3448, 68.5344



73.4897, 72.3448, 100.5331



68.2535, 72.3448, 57.1606

Square

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



73.4897, 72.3448, 100.5331



75.9909, 72.3448, 66.2573



64.2407, 72.3448, 60.4008



62.0059, 72.3448, 92.7691

Rectangle

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



73.4897, 72.3448, 100.5331



77.4288, 72.3448, 81.5262



64.2407, 72.3448, 60.4008



60.7666, 72.3448, 76.0789

Sweetspot

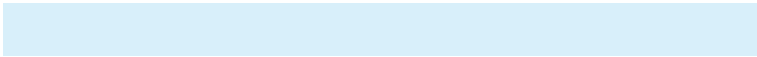
The Sweet Spot groups the original color and five complimentary colors.



73.4919, 72.3478, 100.5347



89.3886, 92.3785, 107.7273



76.5116, 83.3732, 102.5036



18.9112, 19.4753, 23.0123



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.



73.4919, 72.3478, 100.5347



73.9512, 71.8100, 104.5708



79.0408, 75.2084, 100.7944



16.8116, 16.9155, 21.7642



11.0796, 4.6544, 48.2880



1.1321, 0.4857, 4.4773

Inverse Universe

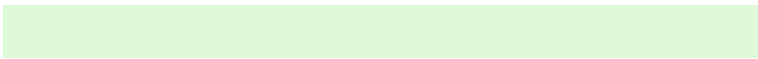
The Inverse Universe completely reimagines the original color for something new.



79.5628, 75.6710, 92.0777



81.3346, 75.8534, 94.2035



76.7785, 88.8974, 78.0816



17.7402, 17.4234, 20.4877



24.7860, 12.3301, 21.3793



2.3441, 1.1614, 2.2356

Previews

White Background



This preview shows how the XYZ color 73.4897, 72.3448, 100.5331 looks on a white background.

Color Contrast Check

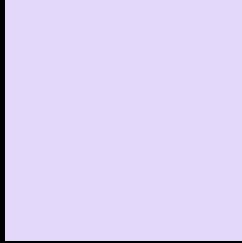
Large Text (above 18pt) WCAG AA × Fail

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 73.4897, 72.3448, 100.5331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

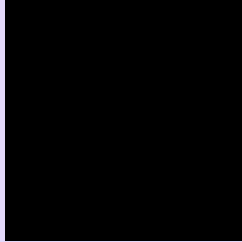
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4897, 72.3448, 100.5331

Background



This preview shows how black text looks on a background with the XYZ color 73.4897, 72.3448, 100.5331.

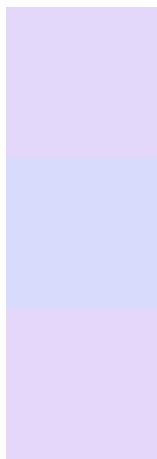


This preview shows how white text looks on a background with the XYZ color 73.4897, 72.3448,

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

73.4897, 72.3448, 100.5331

Protanopia

71.2211, 72.2902, 102.2951

Deuteranopia

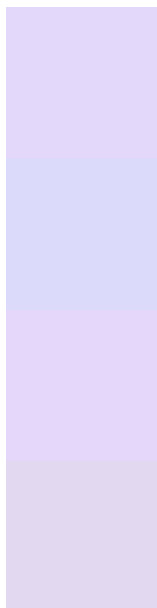
73.8689, 72.1610, 100.4776



Tritanopia

71.2631, 72.2065, 89.5382

Trichromacy



Original Color

73.4897, 72.3448, 100.5331

Protanomaly

71.9992, 72.3235, 101.4319

Deuteranomaly

73.5507, 71.9970, 100.4628

Tritanomaly

72.0541, 72.1453, 93.3469

Monochromacy



Original Color

73.4897, 72.3448, 100.5331

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0416, 72.9169, 87.4209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4897, 72.3448, 100.5331 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(227, 216, 250)` looks like.

```
.text, #text, p{  
    color:rgb(227, 216, 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(227, 216, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 216, 250) }
```

Border

The CSS property to change the border of an element to XYZ 73.4897, 72.3448, 100.5331 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(227, 216, 250) }
```


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

```
.border{ border-color:rgb(227, 216, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 216, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 216, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 216, 250);  
box-shadow:4px 4px 4px 4px rgb(227, 216,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4897, 72.3448, 100.5331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 216, 250) }
```

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

```
.background{ background-color: rgb(227,  
216, 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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