

Converting Colors

XYZ(73.5630, 72.3691, 94.2928)

Have a look what the booklet for
XYZ(73.5630, 72.3691, 94.2928)
contains.

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Color

**XYZ(73.5379, 72.5115,
94.1246)**

Conversions

Conversions Part 1

Format	Color
Hex	E7D8F2
RGB	231, 216, 242
RGB Percent	91%, 85%, 95%
CMY	0.0941, 0.1529, 0.0510
CMYK	0.05, 0.11, 0.00, 0.05
HSL	275°, 50%, 90%
HSV	275°, 11%, 95%
XYZ	73.5379, 72.5115, 94.1246
YIQ	223.4490, 0.5940, 11.2660

Conversions

Conversions Part 2

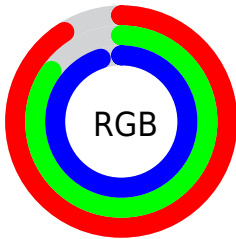
Format	Color
R _{YB}	231, 216, 242
Decimal	15194354
CIE Lab	88.21, 9.82, -10.84
CIE LCh	88, 14.626, 312.158
Yxy	72.5115, 0.3062, 0.3019
Android (android.graphics.Color)	4293384434 (0xFFE7D8F2)
YUV	223.4490, 9.1456, 6.6222
Hunter-Lab	85.1537, 5.1319, -5.9286

Details

The XYZ color **73.5379, 72.5115, 94.1246** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.8280, 84.7949, 77.3399**, and the grayscale version is **70.3971, 74.0632, 80.6548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2870, 38.1489, 51.7472** is the 20% darker color. If you saturate the color by 10%, you get **64.5805, 59.3595, 92.0592**, and if you desaturate by 10%, it is **83.6059, 87.5954, 96.5065**.

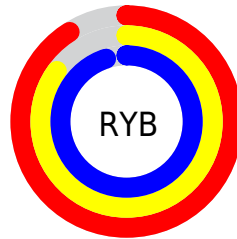
Distribution



Red (91%)

Green (85%)

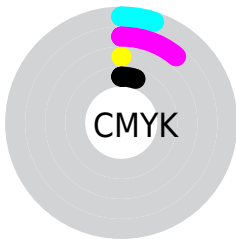
Blue (95%)



Red (91%)

Yellow (85%)

Blue (95%)

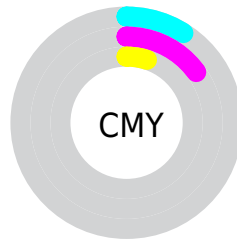


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (9%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5379, 72.5115, 94.1246 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 73.5379, 72.5115, 94.1246 by changing the saturation by 10% instead.

73.5379, 72.5115,
94.1246

73.5379, 72.5115,
94.1246

461.9519,
469.3200, 562.2713

54.7058, 53.5766,
70.8137

123.2396,
122.7835, 155.0398

39.3992, 38.2633,
51.7093

154.8399,
154.8894, 193.4812

27.2525, 26.1871,
36.3928

191.4270,
192.1544, 237.8032

17.9005, 16.9637,
24.4456

233.3662,
234.9629, 288.4244

10.9779, 10.2086,
15.4492

281.0230,
283.6993, 345.7633

6.1191, 5.5375,
8.9852

334.7627,

2.9590, 2.5659,

338.7480, 410.2383

4.6348

394.9505,
400.4935, 482.2681

■ 1.1321, 0.9096,
1.9797

■ 0.0517, 0.0000,
0.5427

■ 73.5379, 72.5115,
94.1246

■ 73.5379, 72.5115,
94.1246

■ 64.5805, 59.3595,
92.0592

■ 83.6059, 87.5954,
96.5065

■ 56.6844, 48.0490,
90.2922

■ 91.7444, 98.5296,
98.1881

■ 49.8056, 38.4960,
88.8109

■ 93.0272, 99.1909,
98.2481

■ 43.8945, 30.6061,
87.5995

■ 38.8966, 24.2759,
86.6411

■ 34.7515, 19.3901,
85.9165

■ 31.3905, 15.8166,
85.4039

■ 28.7318, 13.3978,
85.0771

■ 26.7760, 11.9521,
84.9012

Harmonies

Analogous

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



70.3476, 72.5115, 99.3398



73.5379, 72.5115, 94.1246



75.5290, 72.5115, 85.0084

Triad

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



73.5379, 72.5115, 94.1246



71.0033, 72.5115, 61.9852



62.5462, 72.5115, 83.0834

Complementary

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



73.5379, 72.5115, 94.1246



75.8280, 84.7949, 77.3399

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.



62.7083, 72.5115, 73.1916



73.5379, 72.5115, 94.1246



67.5118, 72.5115, 61.5651

Square

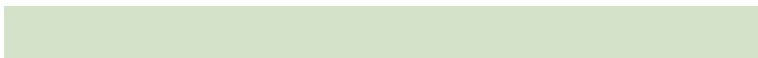
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5379, 72.5115, 94.1246



74.0318, 72.5115, 66.7064



64.4996, 72.5115, 65.5056



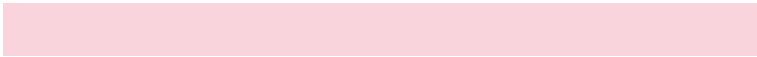
64.0491, 72.5115, 92.6130

Rectangle

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



73.5379, 72.5115, 94.1246



75.8685, 72.5115, 78.2288



64.4996, 72.5115, 65.5056



62.4092, 72.5115, 79.6811

Sweetspot

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



73.5400, 72.5146, 94.1262



91.4770, 94.6070, 108.0474



71.8908, 76.0968, 94.9045



19.3797, 19.9486, 23.0790



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.



73.5400, 72.5146, 94.1262



80.3980, 78.0790, 105.4411



76.9437, 74.2992, 92.9330



15.7706, 15.6790, 19.9167



14.5436, 6.5029, 45.6165



1.3233, 0.5994, 3.8002

Inverse Universe

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



75.0414, 73.5383, 82.9157



82.4438, 79.4719, 90.2572



72.6937, 83.1531, 78.3691



16.0503, 15.8698, 17.8212



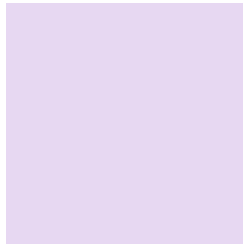
21.0354, 10.6866, 8.1027



1.7986, 0.9085, 0.9304

Previews

White Background



This preview shows how the XYZ color 73.5379, 72.5115, 94.1246 looks on a white background.

Color Contrast Check

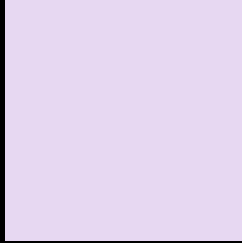
Large Text (above 18pt) WCAG AA × Fail

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 73.5379, 72.5115, 94.1246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

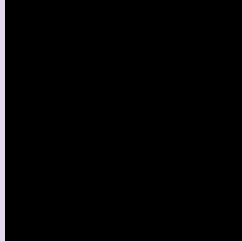
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5379, 72.5115, 94.1246

Background



This preview shows how black text looks on a background with the XYZ color 73.5379, 72.5115, 94.1246.

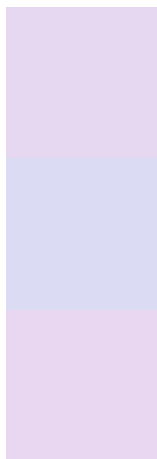


This preview shows how white text looks on a background with the XYZ color 73.5379, 72.5115,

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

73.5379, 72.5115, 94.1246

Protanopia

71.1358, 72.7781, 95.8863

Deuteranopia

73.9317, 72.3353, 94.0699



Tritanopia

72.2973, 72.3892, 88.0039

Trichromacy



Original Color

73.5379, 72.5115, 94.1246

Protanomaly

71.9406, 72.8221, 95.0584

Deuteranomaly

73.6062, 72.1675, 94.0547

Tritanomaly

72.7320, 72.5631, 90.2935

Monochromacy



Original Color

73.5379, 72.5115, 94.1246

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.2402, 73.0683, 85.2117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5379, 72.5115, 94.1246 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(231, 216, 242) looks like.

```
.text, #text, p{  
    color:rgb(231, 216, 242)  
}
```

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(231, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 216, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.5379, 72.5115, 94.1246 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(231, 216, 242) }
```


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

```
.border{ border-color:rgb(231, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 216, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 216, 242);  
box-shadow:4px 4px 4px 4px rgb(231, 216,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5379, 72.5115, 94.1246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 216, 242) }
```

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

```
.background{ background-color: rgb(231,  
216, 242) }
```

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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