

Converting Colors

XYZ(73.0643, 74.3945,
103.4372)

Have a look what the booklet for
XYZ(73.0643, 74.3945, 103.4372)
contains.

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Color

**XYZ(73.0643, 74.3945,
103.4372)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDEFD
RGB	219, 222, 253
RGB Percent	86%, 87%, 99%
CMY	0.1412, 0.1294, 0.0078
CMYK	0.13, 0.12, 0.00, 0.01
HSL	235°, 89%, 93%
HSV	235°, 13%, 99%
XYZ	73.0643, 74.3945, 103.4372
YIQ	224.6370, -11.7390, 9.0050

Conversions

Conversions Part 2

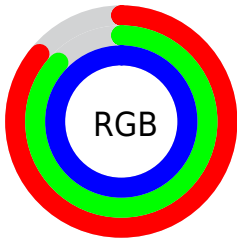
Format	Color
R _Y B	219, 222, 253
Decimal	14409469
CIE Lab	89.11, 4.97, -15.39
CIE LCh	89, 16.171, 287.914
Yxy	74.3945, 0.2912, 0.2965
Android (android.graphics.Color)	4292599549 (0xFFDBDEFD)
YUV	224.6370, 13.9830, -4.9436
Hunter-Lab	86.2522, 0.2660, -10.7264

Details

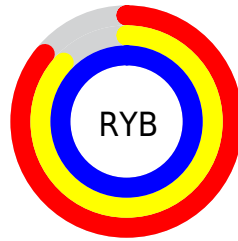
The XYZ color **73.0643, 74.3945, 103.4372** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.4802, 94.3678, 80.6234**, and the grayscale version is **71.2183, 74.9272, 81.5957**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0924, 39.5155, 57.7914** is the 20% darker color. If you saturate the color by 10%, you get **60.3111, 59.3409, 101.2049**, and if you desaturate by 10%, it is **87.8169, 91.7267, 106.0063**.

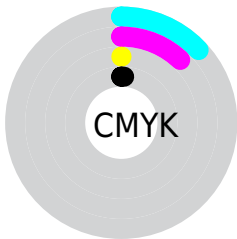
Distribution



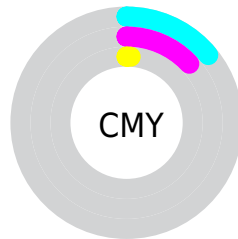
- Red (86%)
- Green (87%)
- Blue (99%)



- Red (86%)
- Yellow (87%)
- Blue (99%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (14%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0643, 74.3945, 103.4372 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 73.0643, 74.3945, 103.4372 by changing the saturation by 10% instead.

73.0643, 74.3945,
103.4372

73.0643, 74.3945,
103.4372

460.3380,
475.8338, 592.4979

54.3171, 55.1170,
78.5414

122.5711,
125.4549, 167.9656

39.0869, 39.4954,
57.9997

154.0615,
158.0065, 208.4353

27.0084, 27.1453,
41.3937

190.5302,
195.7517, 254.9334

17.7161, 17.6824,
28.3048

232.3428,
239.0747, 307.8783

10.8448, 10.7222,
18.3145

279.8645,
288.3601, 367.6887

6.0291, 5.8804,
11.0043

333.4607,

2.9036, 2.7725,

343.9921, 434.7831

5.9555

393.4967,
406.3552, 509.5799

■ 1.1030, 1.0141,
2.7497

■ 0.0276, 0.0000,
0.9683

■ 73.0643, 74.3945,
103.4372

■ 73.0643, 74.3945,
103.4372

■ 60.3111, 59.3409,
101.2049

■ 87.8169, 91.7267,
106.0063

■ 49.4646, 46.4622,
99.2907

94.7299, 99.8719,
107.2141

■ 40.4351, 35.6605,
97.6817

■ 33.1226, 26.8265,
96.3620

■ 27.4179, 19.8414,
95.3144

■ 23.1987, 14.5729,
94.5199

■ 20.3253, 10.8713,
93.9568

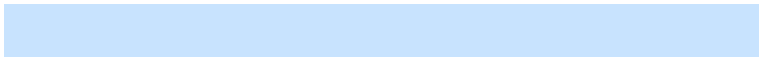
■ 18.6306, 8.5607,
93.6001

■ 18.0234, 7.6791,
93.4620

Harmonies

Analogous

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



69.1363, 74.3945, 104.1103



73.0643, 74.3945, 103.4372



76.4790, 74.3945, 96.4232

Triad

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



73.0643, 74.3945, 103.4372



75.9068, 74.3945, 65.9525



63.5615, 74.3945, 76.5471

Complementary

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



73.0643, 74.3945, 103.4372



87.4802, 94.3678, 80.6234

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.



65.2382, 74.3945, 67.3212



73.0643, 74.3945, 103.4372



72.3069, 74.3945, 61.5958

Square

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



73.0643, 74.3945, 103.4372



78.1616, 74.3945, 74.5146



68.4063, 74.3945, 62.0724



63.7473, 74.3945, 87.8575

Rectangle

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



73.0643, 74.3945, 103.4372



77.9602, 74.3945, 89.4327



68.4063, 74.3945, 62.0724



63.9234, 74.3945, 73.1203

Sweetspot

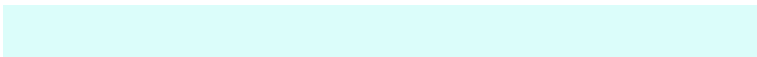
The Sweet Spot groups the original color and five complimentary colors.



73.0665, 74.3976, 103.4389



88.5013, 92.3262, 107.7640



81.5327, 92.1890, 103.6122



18.6874, 19.4619, 23.0215



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.



73.0665, 74.3976, 103.4389



70.8605, 71.5872, 104.6907



76.5364, 75.0128, 103.3747



17.1320, 17.6355, 22.7510



9.6303, 4.1702, 49.7319



0.9794, 0.4896, 4.8561

Inverse Universe

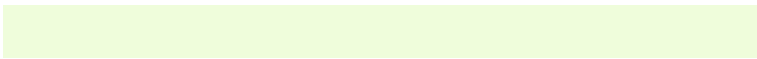
The Inverse Universe completely reimagines the original color for something new.



79.0261, 76.8213, 79.7737



77.9664, 74.5061, 76.4668



83.6446, 93.7868, 80.7134



18.0745, 18.0131, 19.0095



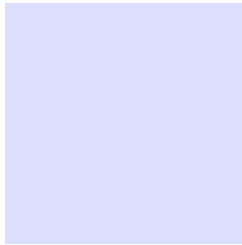
21.6491, 11.1489, 1.5368



2.1290, 1.0940, 0.2606

Previews

White Background



This preview shows how the XYZ color 73.0643, 74.3945, 103.4372 looks on a white background.

Color Contrast Check

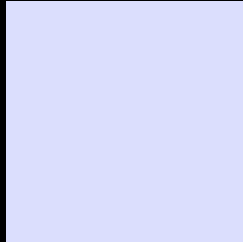
Large Text (above 18pt) WCAG AA × Fail

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 73.0643, 74.3945, 103.4372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

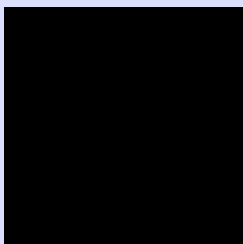
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0643, 74.3945, 103.4372

Background



This preview shows how black text looks on a background with the XYZ color 73.0643, 74.3945, 103.4372.

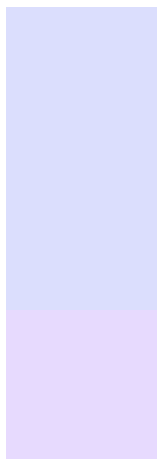


This preview shows how white text looks on a background with the XYZ color 73.0643, 74.3945,

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

73.0643, 74.3945, 103.4372

Protanopia

73.0643, 74.3945, 103.4372

Deuteranopia

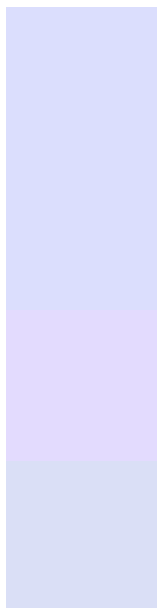
75.9158, 74.2875, 104.1037



Tritanopia

71.2979, 74.4738, 94.6215

Trichromacy



Original Color

73.0643, 74.3945, 103.4372

Protanomaly

73.0643, 74.3945, 103.4372

Deuteranomaly

74.8995, 74.1497, 104.1306

Tritanomaly

71.9357, 74.3346, 97.7454

Monochromacy



Original Color

73.0643, 74.3945, 103.4372

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.0825, 74.9974, 89.2741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0643, 74.3945, 103.4372 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(219, 222, 253)` looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 253)  
}
```

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(219, 222, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 253) }
```

Border

The CSS property to change the border of an element to XYZ 73.0643, 74.3945, 103.4372 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(219, 222, 253) }
```


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

```
.border{ border-color:rgb(219, 222, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 222, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 222, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 222, 253);  
box-shadow:4px 4px 4px 4px rgb(219, 222,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0643, 74.3945, 103.4372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 253) }
```

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

```
.background{ background-color: rgb(219,  
222, 253) }
```

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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