

Converting Colors

XYZ(73.4705, 71.7896,
102.9143)

Have a look what the booklet for
XYZ(73.4705, 71.7896, 102.9143)
contains.

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Color

**XYZ(73.3941, 71.8615,
102.9309)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D7FD
RGB	226, 215, 253
RGB Percent	89%, 84%, 99%
CMY	0.1137, 0.1568, 0.0078
CMYK	0.11, 0.15, 0.00, 0.01
HSL	257°, 90%, 92%
HSV	257°, 15%, 99%
XYZ	73.3941, 71.8615, 102.9309
YIQ	222.6210, -5.6420, 14.1500

Conversions

Conversions Part 2

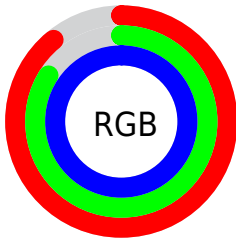
Format	Color
R _Y B	226, 215, 253
Decimal	14866429
CIE Lab	87.90, 10.86, -17.15
CIE LCh	88, 20.298, 302.358
Yxy	71.8615, 0.2957, 0.2895
Android (android.graphics.Color)	4293056509 (0xFFE2D7FD)
YUV	222.6210, 14.9768, 2.9634
Hunter-Lab	84.7712, 6.1941, -12.6513

Details

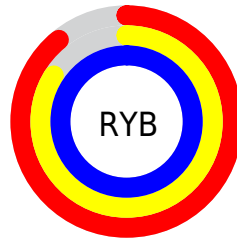
The XYZ color **73.3941, 71.8615, 102.9309** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0116, 94.0360, 78.0163**, and the grayscale version is **69.7724, 73.4059, 79.9391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1122, 37.6732, 57.4348** is the 20% darker color. If you saturate the color by 10%, you get **62.0988, 57.2046, 100.6983**, and if you desaturate by 10%, it is **86.2811, 88.8215, 105.5264**.

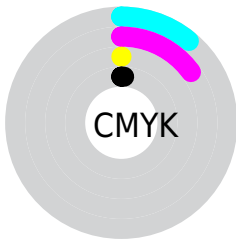
Distribution



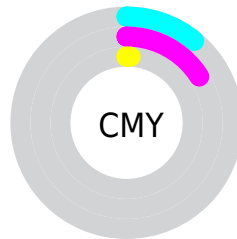
- Red (89%)
- Green (84%)
- Blue (99%)



- Red (89%)
- Yellow (84%)
- Blue (99%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3941, 71.8615, 102.9309 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 73.3941, 71.8615, 102.9309 by changing the saturation by 10% instead.

73.3941, 71.8615,
102.9309

73.3941, 71.8615,
102.9309

461.4622,
467.0594, 590.8758

54.5878, 53.0455,
78.1200

123.0366,
121.8596, 167.2660

39.3043, 37.8391,
57.6555

154.6036,
153.8105, 207.6273

27.1783, 25.8579,
41.1189

191.1548,
190.9086, 254.0092

17.8445, 16.7173,
28.0916

233.0556,
233.5381, 306.8302

10.9374, 10.0332,
18.1551

280.6714,
282.0836, 366.5088

6.0917, 5.4210,
10.8908

334.3676,

2.9421, 2.4963,

336.9294, 433.4636

5.8802

394.5094,
398.4598, 508.1131

■ 1.1232, 0.8748,
2.7048

■ 0.0444, 0.0000,
0.9458

■ 73.3941, 71.8615,
102.9309

■ 73.3941, 71.8615,
102.9309

■ 62.0988, 57.2046,
100.6983

■ 86.2811, 88.8215,
105.5264

■ 52.3248, 44.7412,
98.8077

94.7298, 99.8719,
107.2141

■ 44.0061, 34.3660,
97.2436

■ 37.0690, 25.9615,
95.9870

■ 31.4329, 19.3983,
95.0172

■ 27.0084, 14.5307,
94.3109

■ 23.6930, 11.1904,
93.8409

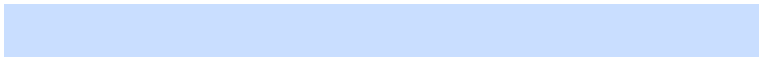
■ 21.3642, 9.1717,
93.5740

■ 20.4945, 8.5172,
93.4935

Harmonies

Analogous

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



68.6850, 71.8615, 107.9413



73.3941, 71.8615, 102.9309



76.8638, 71.8615, 91.2446

Triad

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



73.3941, 71.8615, 102.9309



72.7021, 71.8615, 56.9696



59.4371, 71.8615, 79.3442

Complementary

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



73.3941, 71.8615, 102.9309



84.0116, 94.0360, 78.0163

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.



60.4012, 71.8615, 66.5427



73.3941, 71.8615, 102.9309



67.9209, 71.8615, 54.5656

Square

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



73.3941, 71.8615, 102.9309



76.4512, 71.8615, 64.8560



63.4514, 71.8615, 57.8597



60.7539, 71.8615, 93.3604

Rectangle

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



73.3941, 71.8615, 102.9309



77.9262, 71.8615, 81.8356



63.4514, 71.8615, 57.8597



59.5051, 71.8615, 74.7609

Sweetspot

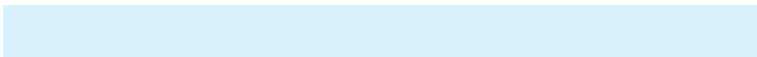
The Sweet Spot groups the original color and five complimentary colors.



73.3963, 71.8645, 102.9325



87.8616, 90.4552, 107.4365



77.5780, 85.1845, 105.2831



18.5970, 19.0845, 22.9535



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.



73.3963, 71.8645, 102.9325



71.1171, 68.4604, 104.0736



79.6072, 75.0663, 103.2232



17.4968, 17.6323, 22.7311



11.0264, 4.5948, 49.7403



1.1763, 0.5003, 4.8478

Inverse Universe

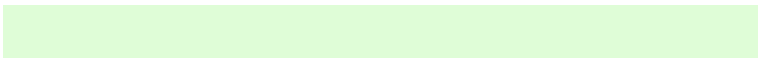
The Inverse Universe completely reimagines the original color for something new.



80.8379, 75.8975, 94.3969



80.0493, 73.3037, 93.7105



77.8968, 90.8837, 77.7301



18.5554, 18.2055, 21.5418



25.9855, 12.8835, 24.3716



2.5776, 1.2734, 2.6229

Previews

White Background



This preview shows how the XYZ color 73.3941, 71.8615, 102.9309 looks on a white background.

Color Contrast Check

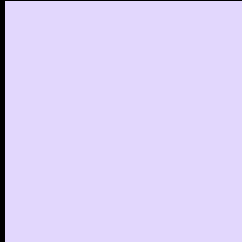
Large Text (above 18pt) WCAG AA × Fail

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 73.3941, 71.8615, 102.9309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

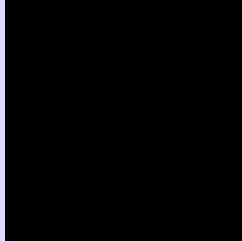
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3941, 71.8615, 102.9309

Background



This preview shows how black text looks on a background with the XYZ color 73.3941, 71.8615, 102.9309.

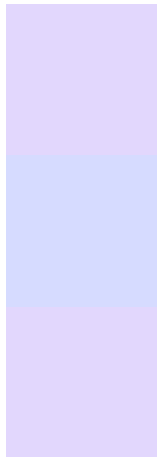


This preview shows how white text looks on a background with the XYZ color 73.3941, 71.8615,

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

73.3941, 71.8615, 102.9309

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

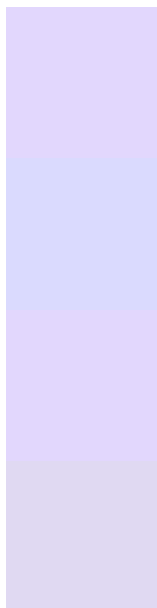
73.3941, 71.8615, 102.9309



Tritanopia

70.4982, 71.8289, 88.7460

Trichromacy



Original Color

73.3941, 71.8615, 102.9309

Protanomaly

71.8742, 72.2040, 103.9145

Deuteranomaly

73.3941, 71.8615, 102.9309

Tritanomaly

71.5803, 71.8838, 94.1067

Monochromacy



Original Color

73.3941, 71.8615, 102.9309

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.1850, 72.9742, 88.1755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3941, 71.8615, 102.9309 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(226, 215, 253)` looks like.

```
.text, #text, p{  
    color:rgb(226, 215, 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(226, 215, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 253) }
```

Border

The CSS property to change the border of an element to XYZ 73.3941, 71.8615, 102.9309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

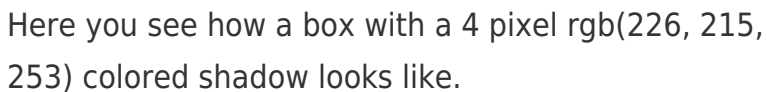
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 215, 253) }
```


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

```
.border{ border-color:rgb(226, 215, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 215, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 215, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 215, 253); box-shadow:4px 4px 4px 4px rgb(226, 215, 253) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3941, 71.8615, 102.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 253) }
```

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

```
.background{ background-color: rgb(226,  
215, 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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