

Converting Colors

XYZ(73.4369, 71.5456,
104.5469)

Have a look what the booklet for
XYZ(73.4369, 71.5456, 104.5469)
contains.

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Color

**XYZ(73.4606, 71.4819,
104.5333)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E2D6FF |
| RGB | 226, 214, 255 |
| RGB Percent | 89%, 84%, 100% |
| CMY | 0.1137, 0.1608, 0.0000 |
| CMYK | 0.11, 0.16, 0.00, 0.00 |
| HSL | 258°, 100%, 92% |
| HSV | 258°, 16%, 100% |
| XYZ | 73.4606, 71.4819, 104.5333 |
| YIQ | 222.2620, -6.0090, 15.2950 |

Conversions

Conversions Part 2

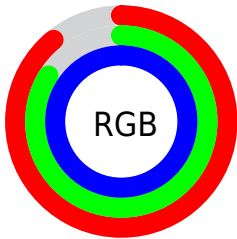
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 226, 214, 255 |
| Decimal | 14866175 |
| CIE Lab | 87.72, 11.79, -18.48 |
| CIE LCh | 88, 21.918, 302.548 |
| Yxy | 71.4819, 0.2945, 0.2865 |
| Android (android.graphics.Color) | 4293056255 (0xFFE2D6FF) |
| YUV | 222.2620, 16.1398, 3.2782 |
| Hunter-Lab | 84.5470, 7.1367, -14.1229 |

Details

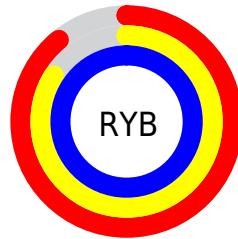
The XYZ color **73.4606, 71.4819, 104.5333** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8614, 95.4305, 77.5690**, and the grayscale version is **69.5106, 73.1305, 79.6391**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1687, 37.4195, 58.5844** is the 20% darker color. If you saturate the color by 10%, you get **62.1438, 56.8074, 102.2973**, and if you desaturate by 10%, it is **86.3866, 88.4894, 107.1348**.

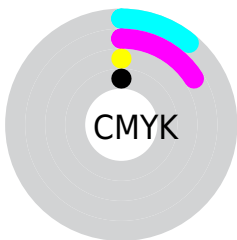
Distribution



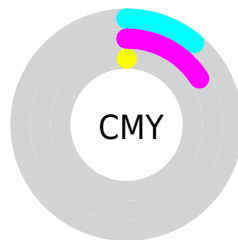
- Red (89%)
- Green (84%)
- Blue (100%)



- Red (89%)
- Yellow (84%)
- Blue (100%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4606, 71.4819, 104.5333 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 73.4606, 71.4819, 104.5333 by changing the saturation by 10% instead.

73.4606, 71.4819,
104.5333

73.4606, 71.4819,
104.5333

461.6887,
465.7363, 596.0015

54.6424, 52.7356,
79.4539

123.1305,
121.3196, 169.4792

39.3482, 37.5917,
58.7456

154.7129,
153.1798, 210.1827

27.2126, 25.6660,
41.9897

191.2807,
190.1801, 256.9315

17.8704, 16.5739,
28.7677

233.1993,
232.7048, 310.1439

10.9561, 9.9312,
18.6611

280.8340,
281.1384, 370.2386

6.1044, 5.3533,
11.2513

334.5503,

2.9499, 2.4560,

335.8652, 437.6341

6.1199

394.7134,
397.2697, 512.7488

■ 1.1273, 0.8545,
2.8481

■ 0.0478, 0.0000,
1.0176

■ 73.4606, 71.4819,
104.5333

■ 73.4606, 71.4819,
104.5333

■ 62.1438, 56.8074,
102.2973

■ 86.3866, 88.4894,
107.1348

■ 52.3652, 44.3540,
100.4090

95.0500, 100.0000,
108.9000

■ 44.0567, 34.0135,
98.8510

■ 37.1431, 25.6650,
97.6039

■ 31.5416, 19.1753,
96.6465

■ 27.1601, 14.3940,
95.9546

■ 23.8928, 11.1465,
95.4999

■ 21.6125, 9.2177,
95.2478

■ 20.9225, 8.7008,
95.1844

Harmonies

Analogous

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



68.3866, 71.4819, 110.0652



73.4606, 71.4819, 104.5333



77.2003, 71.4819, 91.7843

Triad

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



73.4606, 71.4819, 104.5333



72.6530, 71.4819, 55.0978



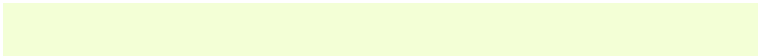
58.4395, 71.4819, 79.1109

Complementary

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



73.4606, 71.4819, 104.5333



84.8614, 95.4305, 77.5690

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.



59.4541, 71.4819, 65.3699



73.4606, 71.4819, 104.5333



67.4981, 71.4819, 52.5994

Square

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



73.4606, 71.4819, 104.5333



76.7175, 71.4819, 63.4277



62.7058, 71.4819, 56.1146



59.8615, 71.4819, 94.2661

Rectangle

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



73.4606, 71.4819, 104.5333



78.3392, 71.4819, 81.6025



62.7058, 71.4819, 56.1146



58.5070, 71.4819, 74.1787

Sweetspot

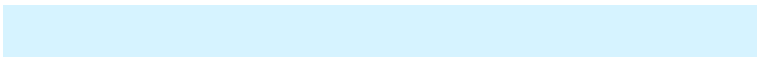
The Sweet Spot groups the original color and five complimentary colors.



73.4626, 71.4848, 104.5338



87.8761, 90.4626, 107.4372



77.9489, 85.8486, 107.0698



18.6005, 19.0863, 22.9536



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.



73.4626, 71.4848, 104.5338



69.9903, 66.9575, 103.8430



80.1452, 74.9298, 104.8465



17.5025, 17.6352, 22.7314



11.0607, 4.6125, 49.7419



1.1802, 0.5023, 4.8480

Inverse Universe

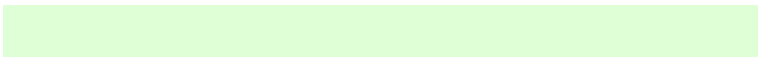
The Inverse Universe completely reimagines the original color for something new.



81.4659, 75.8269, 95.1386



79.2944, 72.0081, 92.7988



78.2950, 92.0454, 77.2617



18.5528, 18.2044, 21.5282



25.9418, 12.8660, 24.1415



2.5736, 1.2718, 2.6019

Previews

White Background



This preview shows how the XYZ color 73.4606, 71.4819, 104.5333 looks on a white background.

Color Contrast Check

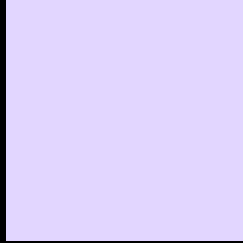
Large Text (above 18pt) WCAG AA × Fail

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 73.4606, 71.4819, 104.5333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

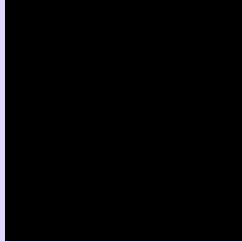
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4606, 71.4819, 104.5333

Background



This preview shows how black text looks on a background with the XYZ color 73.4606, 71.4819, 104.5333.

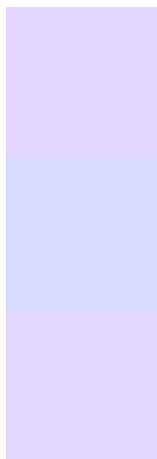


This preview shows how white text looks on a background with the XYZ color 73.4606, 71.4819,

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

73.4606, 71.4819, 104.5333

Protanopia

70.5620, 71.5089, 104.6913

Deuteranopia

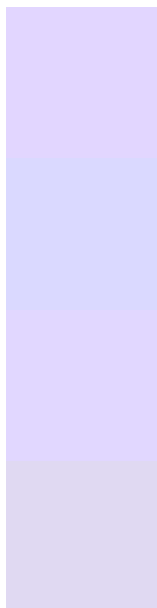
73.4018, 71.8284, 104.6033



Tritanopia

70.4982, 71.8289, 88.7460

Trichromacy



Original Color

73.4606, 71.4819, 104.5333

Protanomaly

71.7763, 71.7511, 104.6741

Deuteranomaly

73.4018, 71.8284, 104.6033

Tritanomaly

71.5803, 71.8838, 94.1067

Monochromacy



Original Color

73.4606, 71.4819, 104.5333

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.6142, 72.2915, 88.0738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4606, 71.4819, 104.5333 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 255)  
}
```

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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.4606, 71.4819, 104.5333 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, 214, 255) }
```


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

```
.border{ border-color:rgb(226, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4606, 71.4819, 104.5333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 214, 255) }
```

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

```
.background{ background-color: rgb(226,  
214, 255) }
```

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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