

Converting Colors

XYZ(73.9186, 72.5161,
104.7088)

Have a look what the booklet for
XYZ(73.9186, 72.5161, 104.7088)
contains.

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Color

**XYZ(73.9699, 72.5005,
104.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D8FF
RGB	226, 216, 255
RGB Percent	89%, 85%, 100%
CMY	0.1137, 0.1529, 0.0000
CMYK	0.11, 0.15, 0.00, 0.00
HSL	255°, 100%, 92%
HSV	255°, 15%, 100%
XYZ	73.9699, 72.5005, 104.7031
YIQ	223.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

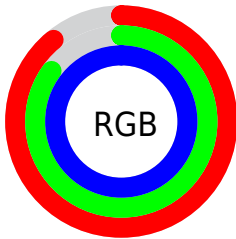
Format	Color
R _Y B	226, 216, 255
Decimal	14866687
CIE Lab	88.21, 10.74, -17.74
CIE LCh	88, 20.733, 301.187
Yxy	72.5005, 0.2945, 0.2886
Android (android.graphics.Color)	4293056767 (0xFFE2D8FF)
YUV	223.4360, 15.5611, 2.2486
Hunter-Lab	85.1472, 6.0606, -13.3042

Details

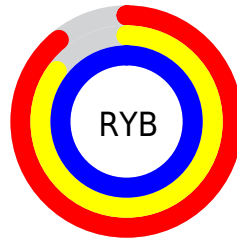
The XYZ color **73.9699, 72.5005, 104.7031** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.8125, 95.8911, 78.9552**, and the grayscale version is **70.3471, 74.0106, 80.5976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5155, 38.1130, 58.6999** is the 20% darker color. If you saturate the color by 10%, you get **62.3162, 57.5372, 102.4291**, and if you desaturate by 10%, it is **87.2989, 89.8362, 107.3467**.

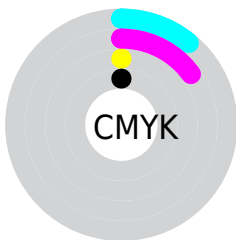
Distribution



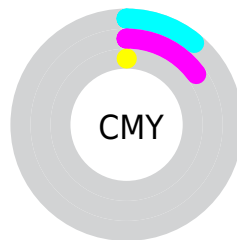
- Red (89%)
- Green (85%)
- Blue (100%)



- Red (89%)
- Yellow (85%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9699, 72.5005, 104.7031 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 73.9699, 72.5005, 104.7031 by changing the saturation by 10% instead.

73.9699, 72.5005,
104.7031

73.9699, 72.5005,
104.7031

463.4214,
469.2818, 596.5433

55.0606, 53.5676,
79.5954

123.8489,
122.7678, 169.7135

39.6843, 38.2561,
58.8612

155.5492,
154.8711, 210.4532

27.4756, 26.1815,
42.0822

192.2440,
192.1333, 257.2407

18.0691, 16.9595,
28.8396

234.2986,
234.9388, 310.4945

11.0996, 10.2056,
18.7150

282.0782,
283.6720, 370.6331

6.2017, 5.5355,
11.2898

335.9483,

3.0099, 2.5647,

338.7173, 438.0750

6.1455

396.2743,
400.4591, 513.2389

■ 1.1590, 0.9090,
2.8635

■ 0.0736, 0.0000,
1.0254

■ 73.9699, 72.5005,
104.7031

■ 73.9699, 72.5005,
104.7031

■ 62.3162, 57.5372,
102.4291

■ 87.2989, 89.8362,
107.3467

■ 52.2641, 44.8333,
100.5068

95.0500, 100.0000,
108.9000

■ 43.7427, 34.2795,
98.9189

■ 36.6735, 25.7542,
97.6459

■ 30.9708, 19.1231,
96.6665

■ 26.5388, 14.2352,
95.9567

■ 23.2684, 10.9158,
95.4883

■ 21.0289, 8.9509,
95.2271

■ 20.2548, 8.3566,
95.1532

Harmonies

Analogous

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



69.1075, 72.5005, 109.5363



73.9699, 72.5005, 104.7031



77.6131, 72.5005, 92.8574

Triad

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



73.9699, 72.5005, 104.7031



73.6114, 72.5005, 57.3353



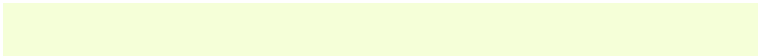
59.8029, 72.5005, 79.5084

Complementary

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



73.9699, 72.5005, 104.7031



85.8125, 95.8911, 78.9552

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.



60.8823, 72.5005, 66.4889



73.9699, 72.5005, 104.7031



68.7120, 72.5005, 54.6495

Square

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



73.9699, 72.5005, 104.7031



77.3992, 72.5005, 65.6180



64.0854, 72.5005, 57.7941



61.0645, 72.5005, 93.9547

Rectangle

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



73.9699, 72.5005, 104.7031



78.7757, 72.5005, 83.2019



64.0854, 72.5005, 57.7941



59.9036, 72.5005, 74.8275

Sweetspot

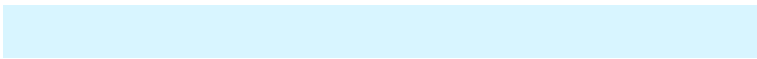
The Sweet Spot groups the original color and five complimentary colors.



73.9719, 72.5035, 104.7036



87.7140, 90.3791, 107.4296



79.0989, 87.2767, 107.2849



18.5612, 19.0661, 22.9518



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.



73.9719, 72.5035, 104.7036



70.6534, 68.2214, 104.0519



80.3511, 75.7920, 105.0021



17.4395, 17.6028, 22.7285



10.6996, 4.4263, 49.7250



1.1379, 0.4805, 4.8460

Inverse Universe

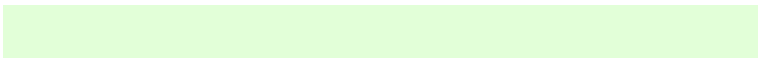
The Inverse Universe completely reimagines the original color for something new.



82.2790, 76.9671, 96.9081



80.2778, 73.3951, 94.9139



79.4422, 92.6071, 78.6571



18.5821, 18.2161, 21.6822



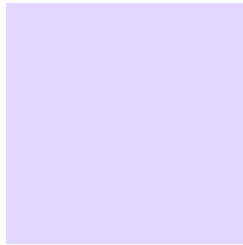
26.4478, 13.0684, 26.8061



2.6195, 1.2902, 2.8435

Previews

White Background



This preview shows how the XYZ color 73.9699, 72.5005, 104.7031 looks on a white background.

Color Contrast Check

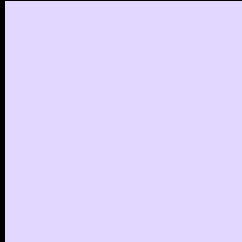
Large Text (above 18pt) WCAG AA × Fail

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 73.9699, 72.5005, 104.7031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

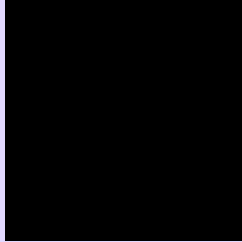
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9699, 72.5005, 104.7031

Background



This preview shows how black text looks on a background with the XYZ color 73.9699, 72.5005, 104.7031.

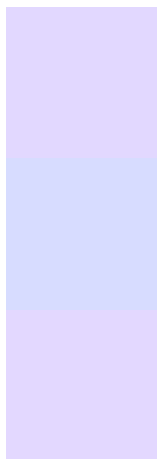


This preview shows how white text looks on a background with the XYZ color 73.9699, 72.5005,

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

73.9699, 72.5005, 104.7031

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.2844, 72.6626, 104.7178



Tritanopia

70.9033, 72.4071, 89.5959

Trichromacy



Original Color

73.9699, 72.5005, 104.7031

Protanomaly

72.5949, 72.9431, 104.8610

Deuteranomaly

74.2844, 72.6626, 104.7178

Tritanomaly

71.9895, 72.4612, 94.9862

Monochromacy



Original Color

73.9699, 72.5005, 104.7031

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.3291, 73.0319, 88.9344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9699, 72.5005, 104.7031 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 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, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.9699, 72.5005, 104.7031 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, 216, 255) }
```


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

```
.border{ border-color:rgb(226, 216, 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, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9699, 72.5005, 104.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 255) }
```

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

```
.background{ background-color: rgb(226,  
216, 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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