

Converting Colors

XYZ(75.2158, 72.9136,
104.7172)

Have a look what the booklet for
XYZ(75.2158, 72.9136, 104.7172)
contains.

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Color

**XYZ(74.9836, 72.6439,
104.6774)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D7FF
RGB	230, 215, 255
RGB Percent	90%, 84%, 100%
CMY	0.0980, 0.1568, 0.0000
CMYK	0.10, 0.16, 0.00, 0.00
HSL	262°, 100%, 92%
HSV	262°, 16%, 100%
XYZ	74.9836, 72.6439, 104.6774
YIQ	224.0450, -3.9000, 15.6200

Conversions

Conversions Part 2

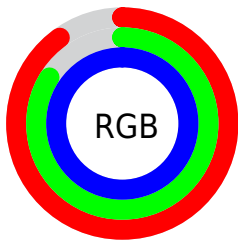
Format	Color
R _Y B	230, 215, 255
Decimal	15128575
CIE Lab	88.28, 12.53, -17.60
CIE LCh	88, 21.607, 305.449
Yxy	72.6439, 0.2972, 0.2879
Android (android.graphics.Color)	4293318655 (0xFFE6D7FF)
YUV	224.0450, 15.2608, 5.2225
Hunter-Lab	85.2314, 7.8831, -13.1554

Details

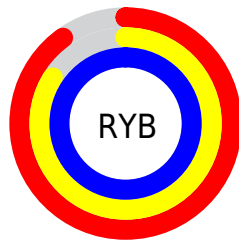
The XYZ color **74.9836, 72.6439, 104.6774** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9626, 94.9523, 78.1958**, and the grayscale version is **70.7819, 74.4681, 81.0957**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2194, 38.2175, 58.6830** is the 20% darker color. If you saturate the color by 10%, you get **64.1067, 58.1387, 102.4508**, and if you desaturate by 10%, it is **87.3441, 89.4201, 107.2640**.

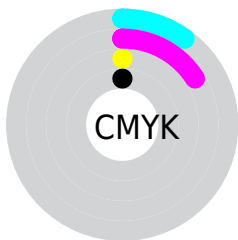
Distribution



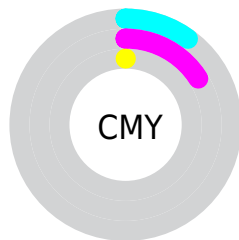
- Red (90%)
- Green (84%)
- Blue (100%)



- Red (90%)
- Yellow (84%)
- Blue (100%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9836, 72.6439, 104.6774 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 74.9836, 72.6439, 104.6774 by changing the saturation by 10% instead.

74.9836, 72.6439,
104.6774

74.9836, 72.6439,
104.6774

466.8592,
469.7797, 596.4613

55.8936, 53.6848,
79.5740

125.2772,
122.9715, 169.6780

40.3543, 38.3498,
58.8437

157.2115,
155.1089, 210.4123

28.0003, 26.2543,
42.0682

194.1579,
192.4079, 257.1939

18.4664, 17.0139,
28.8287

236.4817,
235.2527, 310.4414

11.3870, 10.2444,
18.7068

284.5485,
284.0280, 370.5734

6.3970, 5.5613,
11.2840

338.7234,

3.1309, 2.5802,

339.1179, 438.0083

6.1416

399.3719,
400.9071, 513.1648

■ 1.2234, 0.9167,
2.8612

■ 0.1247, 0.0000,
1.0242

■ 74.9836, 72.6439,
104.6774

■ 74.9836, 72.6439,
104.6774

■ 64.1067, 58.1387,
102.4508

■ 87.3441, 89.4201,
107.2640

■ 54.6483, 45.7956,
100.5669

95.0500, 100.0000,
108.9000

■ 46.5469, 35.5102,
99.0086

■ 39.7340, 27.1654,
97.7570

■ 34.1343, 20.6321,
96.7911

■ 29.6640, 15.7649,
96.0872

■ 26.2267, 12.3946,
95.6178

■ 23.7057, 10.3134,
95.3490

■ 22.8338, 9.6861,
95.2739

Harmonies

Analogous

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



69.9957, 72.6439, 111.0180



74.9836, 72.6439, 104.6774



78.5051, 72.6439, 91.5478

Triad

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



74.9836, 72.6439, 104.6774



73.2665, 72.6439, 55.8894



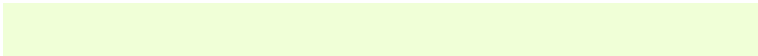
59.5999, 72.6439, 81.8359

Complementary

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



74.9836, 72.6439, 104.6774



83.9626, 94.9523, 78.1958

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.



60.3787, 72.6439, 67.8293



74.9836, 72.6439, 104.6774



68.1046, 72.6439, 53.9686

Square

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



74.9836, 72.6439, 104.6774



77.4795, 72.6439, 63.6831



63.4301, 72.6439, 58.0653



61.2475, 72.6439, 96.8164

Rectangle

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



74.9836, 72.6439, 104.6774



79.4554, 72.6439, 81.3814



63.4301, 72.6439, 58.0653



59.5876, 72.6439, 76.8555

Sweetspot

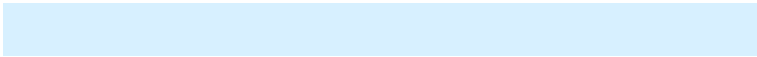
The Sweet Spot groups the original color and five complimentary colors.



74.9856, 72.6469, 104.6778



88.2453, 90.6530, 107.4545



77.3347, 84.1856, 106.7812



18.6901, 19.1325, 22.9578



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

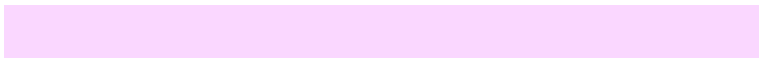
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9856, 72.6469, 104.6778



71.2173, 67.5901, 103.9004



81.6570, 76.0861, 104.9900



17.6465, 17.7095, 22.7382



12.0827, 5.1393, 49.7897



1.2927, 0.5603, 4.8533

Inverse Universe

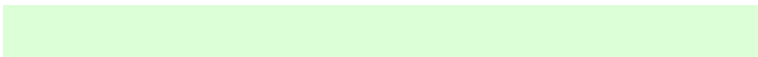
The Inverse Universe completely reimagines the original color for something new.



81.2704, 76.1550, 92.8564



78.7055, 71.7725, 89.6978



77.6440, 91.6950, 77.9001



18.4869, 18.1781, 21.1812



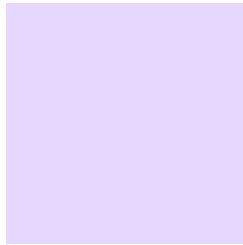
24.9109, 12.4536, 18.7129



2.4785, 1.2338, 2.1012

Previews

White Background



This preview shows how the XYZ color 74.9836, 72.6439, 104.6774 looks on a white background.

Color Contrast Check

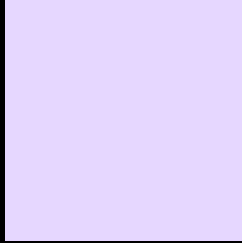
Large Text (above 18pt) WCAG AA × Fail

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 74.9836, 72.6439, 104.6774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

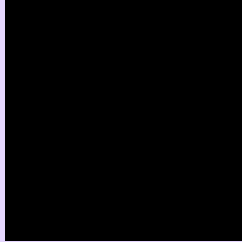
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9836, 72.6439, 104.6774

Background



This preview shows how black text looks on a background with the XYZ color 74.9836, 72.6439, 104.6774.



This preview shows how white text looks on a background with the XYZ color 74.9836, 72.6439,

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

74.9836, 72.6439, 104.6774

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

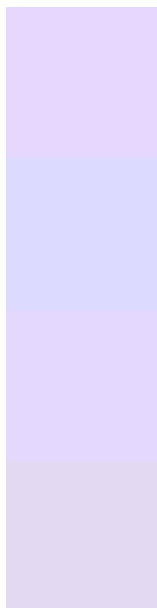
74.2844, 72.6626, 104.7178



Tritanopia

71.8903, 72.5298, 89.5675

Trichromacy



Original Color

74.9836, 72.6439, 104.6774

Protanomaly

72.6366, 72.5785, 104.7884

Deuteranomaly

74.6008, 72.8257, 104.7326

Tritanomaly

72.9854, 72.5908, 94.9587

Monochromacy



Original Color

74.9836, 72.6439, 104.6774

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.2159, 73.8798, 89.0513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9836, 72.6439, 104.6774 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(230, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 215, 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(230, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9836, 72.6439, 104.6774 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(230, 215, 255) }
```


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

```
.border{ border-color:rgb(230, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9836, 72.6439, 104.6774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 215, 255) }
```

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

```
.background{ background-color: rgb(230,  
215, 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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