

Converting Colors

XYZ(73.9329, 74.7895, 99.7869)

Have a look what the booklet for
XYZ(73.9329, 74.7895, 99.7869)
contains.

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Color

**XYZ(73.9606, 74.9294,
100.1872)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DEF9
RGB	224, 222, 249
RGB Percent	88%, 87%, 98%
CMY	0.1216, 0.1294, 0.0235
CMYK	0.10, 0.11, 0.00, 0.02
HSL	244°, 69%, 92%
HSV	244°, 11%, 98%
XYZ	73.9606, 74.9294, 100.1872
YIQ	225.6760, -7.4750, 8.8210

Conversions

Conversions Part 2

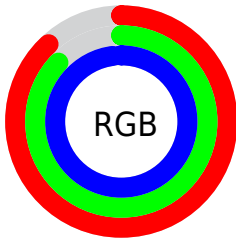
Format	Color
R _Y B	224, 222, 249
Decimal	14737145
CIE Lab	89.36, 5.76, -12.87
CIE LCh	89, 14.101, 294.092
Yxy	74.9294, 0.2969, 0.3008
Android (android.graphics.Color)	4292927225 (0xFFE0DEF9)
YUV	225.6760, 11.4987, -1.4699
Hunter-Lab	86.5618, 1.0319, -8.0294

Details

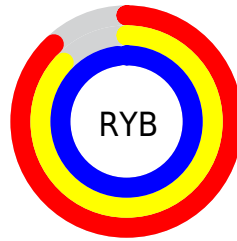
The XYZ color **73.9606, 74.9294, 100.1872** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.4210, 92.8014, 82.5212**, and the grayscale version is **71.9802, 75.7288, 82.4686**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8065, 39.9227, 56.0599** is the 20% darker color. If you saturate the color by 10%, you get **61.1614, 59.2296, 97.8326**, and if you desaturate by 10%, it is **88.7100, 93.0884, 102.9160**.

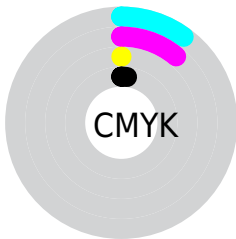
Distribution



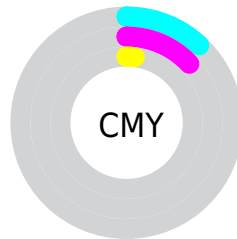
- Red (88%)
- Green (87%)
- Blue (98%)



- Red (88%)
- Yellow (87%)
- Blue (98%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.9606, 74.9294, 100.1872 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 73.9606, 74.9294, 100.1872 by changing the saturation by 10% instead.

73.9606, 74.9294,
100.1872

73.9606, 74.9294,
100.1872

463.3898,
477.6749, 582.0445

55.0530, 55.5551,
75.8391

123.8358,
126.2124, 163.4685

39.6781, 39.8463,
55.7947

155.5340,
158.8899, 203.2389

27.4708, 27.4187,
39.6355

192.2264,
196.7705, 248.9871

18.0655, 17.8879,
26.9428

234.2785,
240.2387, 301.1316

11.0970, 10.8696,
17.2982

282.0555,
289.6788, 360.0911

6.1999, 5.9792,
10.2832

335.9228,

3.0088, 2.8324,

345.4753, 426.2841

5.4790

396.2458,
408.0125, 500.1290

■ 1.1584, 1.0449,
2.4674

■ 0.0732, 0.0000,
0.8228

■ 73.9606, 74.9294,
100.1872

■ 73.9606, 74.9294,
100.1872

■ 61.1614, 59.2296,
97.8326

■ 88.7100, 93.0884,
102.9160

■ 50.2244, 45.8741,
95.8312

■ 94.0991, 99.6196,
103.8927

■ 41.0646, 34.7534,
94.1674

■ 33.5880, 25.7452,
92.8227

■ 27.6916, 18.7154,
91.7766

■ 23.2615, 13.5148,
91.0063

■ 20.1680, 9.9729,
90.4857

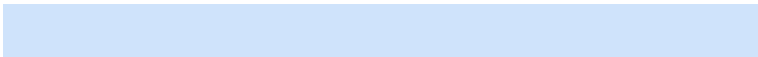
■ 18.2587, 7.8865,
90.1836

■ 17.3564, 6.9723,
90.0547

Harmonies

Analogous

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



70.5375, 74.9294, 101.9800



73.9606, 74.9294, 100.1872



76.7276, 74.9294, 93.2428

Triad

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



73.9606, 74.9294, 100.1872



75.1800, 74.9294, 67.1443



64.8212, 74.9294, 79.6455

Complementary

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



73.9606, 74.9294, 100.1872



85.4210, 92.8014, 82.5212

Split Complementary

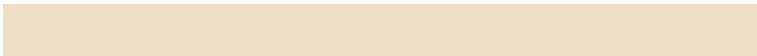
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.9790, 74.9294, 70.9425



73.9606, 74.9294, 100.1872



71.9031, 74.9294, 64.1091

Square

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



73.9606, 74.9294, 100.1872



77.4474, 74.9294, 74.0731



68.5443, 74.9294, 65.4416



65.3322, 74.9294, 89.5892

Rectangle

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



73.9606, 74.9294, 100.1872



77.7903, 74.9294, 86.9043



68.5443, 74.9294, 65.4416



65.0270, 74.9294, 76.4880

Sweetspot

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



73.9628, 74.9325, 100.1889



90.0995, 93.8969, 107.9829



80.5474, 89.0150, 102.5600



19.0087, 19.7574, 23.0616



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.



73.9628, 74.9325, 100.1889



74.9656, 75.2785, 105.1868



78.2481, 77.1417, 100.3894



16.4019, 16.7043, 21.7451



9.3332, 3.7541, 48.2063



0.9044, 0.3683, 4.4666

Inverse Universe

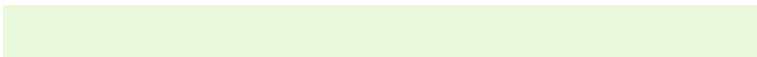
The Inverse Universe completely reimagines the original color for something new.



81.9793, 79.1010, 98.9467



84.9791, 80.4860, 103.6079



80.8961, 90.4687, 82.3094



17.9344, 17.5011, 21.5101



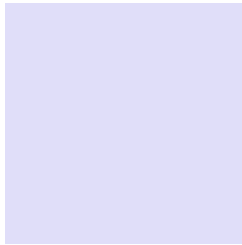
28.6245, 13.8655, 41.5926



2.6672, 1.2906, 3.9368

Previews

White Background



This preview shows how the XYZ color 73.9606, 74.9294, 100.1872 looks on a white background.

Color Contrast Check

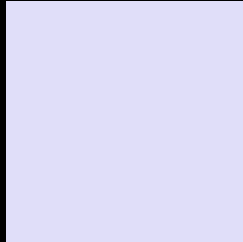
Large Text (above 18pt) WCAG AA × Fail

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 73.9606, 74.9294, 100.1872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

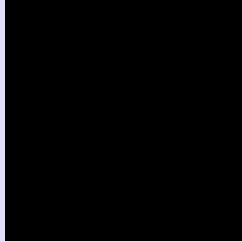
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9606, 74.9294, 100.1872

Background



This preview shows how black text looks on a background with the XYZ color 73.9606, 74.9294, 100.1872.

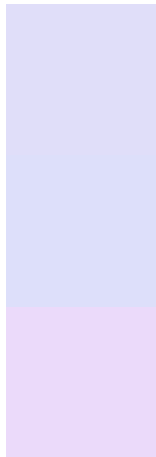


This preview shows how white text looks on a background with the XYZ color 73.9606, 74.9294,

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

73.9606, 74.9294, 100.1872

Protanopia

73.4618, 75.0496, 101.0567

Deuteranopia

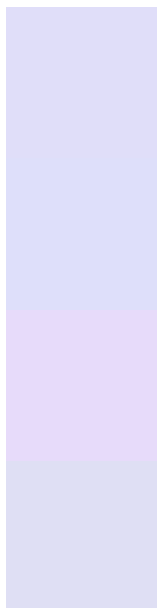
76.5877, 74.7071, 100.8258



Tritanopia

72.6963, 74.8142, 93.8282

Trichromacy



Original Color

73.9606, 74.9294, 100.1872

Protanomaly

73.7672, 75.2071, 101.0709

Deuteranomaly

75.5418, 74.5541, 100.8514

Tritanomaly

73.1482, 74.9950, 96.2081

Monochromacy



Original Color

73.9606, 74.9294, 100.1872

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8278, 75.7985, 88.6340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9606, 74.9294, 100.1872 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(224, 222, 249)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 249)  
}
```

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(224, 222, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 249) }
```

Border

The CSS property to change the border of an element to XYZ 73.9606, 74.9294, 100.1872 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(224, 222, 249) }
```


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

```
.border{ border-color:rgb(224, 222, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 222, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 222, 249);  
box-shadow:4px 4px 4px 4px rgb(224, 222,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9606, 74.9294, 100.1872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 249) }
```

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

```
.background{ background-color: rgb(224,  
222, 249) }
```

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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