

Converting Colors

XYZ(74.8912, 76.9506,
103.0012)

Have a look what the booklet for
XYZ(74.8912, 76.9506, 103.0012)
contains.

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Color

**XYZ(74.8912, 76.9506,
103.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE2FC
RGB	222, 226, 252
RGB Percent	87%, 89%, 99%
CMY	0.1294, 0.1137, 0.0118
CMYK	0.12, 0.10, 0.00, 0.01
HSL	232°, 83%, 93%
HSV	232°, 12%, 99%
XYZ	74.8912, 76.9506, 103.0012
YIQ	227.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

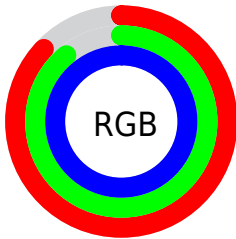
Format	Color
R _Y B	222, 226, 252
Decimal	14607100
CIE Lab	90.30, 3.63, -13.06
CIE LCh	90, 13.553, 285.534
Yxy	76.9506, 0.2939, 0.3020
Android (android.graphics.Color)	4292797180 (0xFFDEE2FC)
YUV	227.7680, 11.9464, -5.0585
Hunter-Lab	87.7215, -1.1203, -8.2123

Details

The XYZ color **74.8912, 76.9506, 103.0012** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8973, 93.1035, 82.4994**, and the grayscale version is **73.4963, 77.3238, 84.2057**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3496, 41.2814, 57.4712** is the 20% darker color. If you saturate the color by 10%, you get **62.1778, 62.1375, 100.8133**, and if you desaturate by 10%, it is **89.5190, 93.8773, 105.4986**.

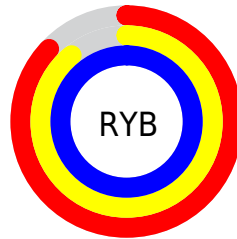
Distribution



Red (87%)

Green (89%)

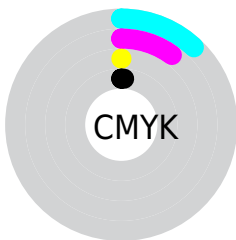
Blue (99%)



Red (87%)

Yellow (89%)

Blue (99%)

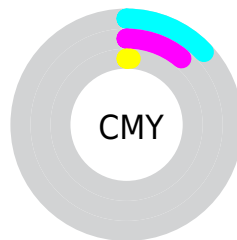


Cyan (12%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (13%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8912, 76.9506, 103.0012 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 74.8912, 76.9506, 103.0012 by changing the saturation by 10% instead.

■ 74.8912, 76.9506,
103.0012

■ 74.8912, 76.9506,
103.0012

466.5465,
484.5956, 591.1012

■ 55.8176, 57.2123,
78.1785

125.1471,
129.0697, 167.3632

■ 40.2931, 41.1757,
57.7033

157.0601,
162.2194, 207.7395

■ 27.9524, 28.4564,
41.1571

193.9836,
200.6083, 254.1376

■ 18.4301, 18.6700,
28.1212

236.2830,
244.6209, 306.9758

■ 11.3607, 11.4321,
18.1772

284.3236,
294.6415, 366.6727

■ 6.3791, 6.3582,
10.9065

338.4709,

■ 3.1198, 3.0641,

351.0546, 433.6469

5.8906

399.0900,
414.2445, 508.3169

■ 1.2174, 1.1653,
2.7110

■ 0.1201, 0.0331,
0.9489

■ 74.8912, 76.9506,
103.0012

■ 74.8912, 76.9506,
103.0012

■ 62.1778, 62.1375,
100.8133

■ 89.5190, 93.8773,
105.4986

■ 51.2926, 49.3454,
98.9179

94.5709, 99.8084,
106.3772

■ 42.1529, 38.4891,
97.3041

■ 34.6672, 29.4736,
95.9585

■ 28.7351, 22.1955,
94.8663

■ 24.2454, 16.5414,
94.0116

■ 21.0717, 12.3840,
93.3764

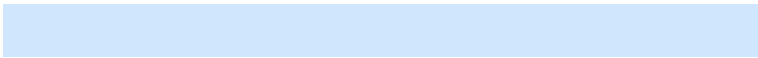
■ 19.0649, 9.5758,
92.9401

■ 18.1324, 8.1512,
92.7143

Harmonies

Analogous

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



71.5299, 76.9506, 103.1041



74.8912, 76.9506, 103.0012



77.8696, 76.9506, 97.4927

Triad

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



74.8912, 76.9506, 103.0012



77.7805, 76.9506, 71.2085



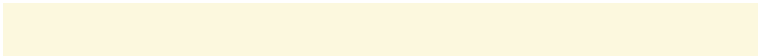
67.0330, 76.9506, 79.2280

Complementary

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



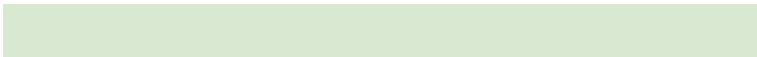
74.8912, 76.9506, 103.0012



86.8973, 93.1035, 82.4994

Split Complementary

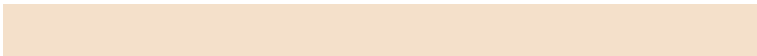
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6044, 76.9506, 71.4284



74.8912, 76.9506, 103.0012



74.7726, 76.9506, 67.0457

Square

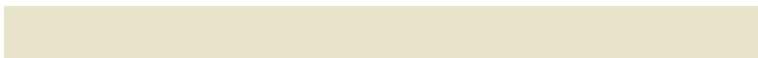
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8912, 76.9506, 103.0012



79.5724, 76.9506, 78.9061



71.4148, 76.9506, 67.1230



67.0625, 76.9506, 88.8633

Rectangle

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



74.8912, 76.9506, 103.0012



79.2072, 76.9506, 91.7225



71.4148, 76.9506, 67.1230



67.3893, 76.9506, 76.3213

Sweetspot

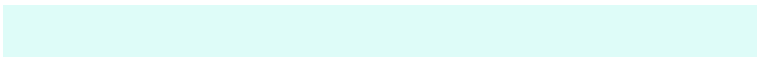
The Sweet Spot groups the original color and five complimentary colors.



74.8935, 76.9538, 103.0029



88.6412, 92.6061, 107.8106



81.8017, 91.8980, 101.8287



18.7227, 19.5325, 23.0333



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.



74.8935, 76.9538, 103.0029



74.0266, 75.6723, 105.3123



77.1346, 76.5119, 102.7995



16.4697, 17.0163, 21.8017



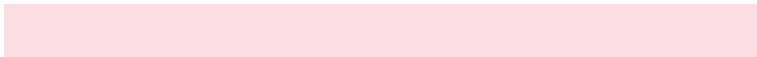
9.5043, 4.3641, 48.3150



0.9363, 0.5164, 4.4935

Inverse Universe

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



79.9954, 78.4306, 82.8777



80.1131, 77.4650, 81.2963



84.4431, 93.6849, 82.7410



17.3389, 17.2629, 18.3743



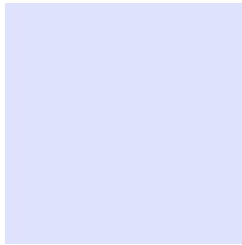
21.0893, 10.8515, 1.9130



1.9815, 1.0164, 0.3263

Previews

White Background



This preview shows how the XYZ color 74.8912, 76.9506, 103.0012 looks on a white background.

Color Contrast Check

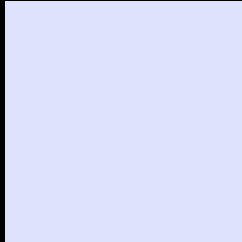
Large Text (above 18pt) WCAG AA × Fail

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 74.8912, 76.9506, 103.0012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

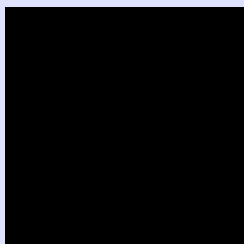
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8912, 76.9506, 103.0012

Background



This preview shows how black text looks on a background with the XYZ color 74.8912, 76.9506, 103.0012.

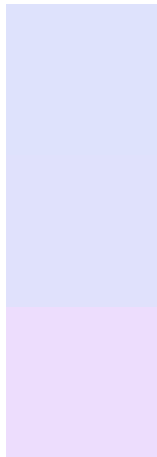


This preview shows how white text looks on a background with the XYZ color 74.8912, 76.9506,

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

74.8912, 76.9506, 103.0012

Protanopia

75.2364, 76.7260, 102.9397

Deuteranopia

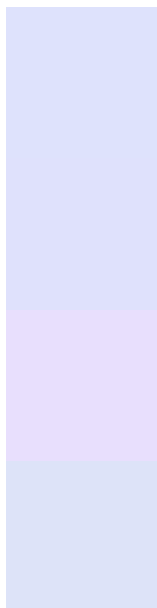
78.5111, 76.8093, 103.6162



Tritanopia

73.7693, 76.9029, 97.3419

Trichromacy



Original Color

74.8912, 76.9506, 103.0012

Protanomaly

74.9273, 76.5667, 102.9252

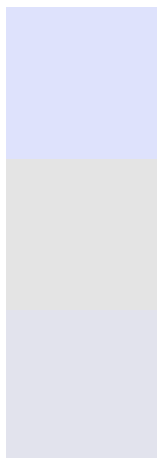
Deuteranomaly

77.3960, 77.0230, 103.7162

Tritanomaly

74.2312, 77.0876, 99.7739

Monochromacy



Original Color

74.8912, 76.9506, 103.0012

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1192, 77.2213, 91.1195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8912, 76.9506, 103.0012 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(222, 226, 252)` looks like.

```
.text, #text, p{  
    color:rgb(222, 226, 252)  
}
```

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(222, 226, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 226, 252) }
```

Border

The CSS property to change the border of an element to XYZ 74.8912, 76.9506, 103.0012 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(222, 226, 252) }
```


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

```
.border{ border-color:rgb(222, 226, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 226, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 226, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 226, 252);  
box-shadow:4px 4px 4px 4px rgb(222, 226,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8912, 76.9506, 103.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 226, 252) }
```

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

```
.background{ background-color: rgb(222,  
226, 252) }
```

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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