

Converting Colors

XYZ(76.9409, 77.2043,
101.2851)

Have a look what the booklet for
XYZ(76.9409, 77.2043, 101.2851)
contains.

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Color

**XYZ(76.8660, 77.2024,
101.2928)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E0FA
RGB	231, 224, 250
RGB Percent	91%, 88%, 98%
CMY	0.0941, 0.1215, 0.0196
CMYK	0.08, 0.10, 0.00, 0.02
HSL	256°, 72%, 93%
HSV	256°, 10%, 98%
XYZ	76.8660, 77.2024, 101.2928
YIQ	229.0570, -4.1740, 9.5700

Conversions

Conversions Part 2

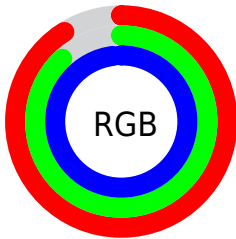
Format	Color
R_{YB}	231, 224, 250
Decimal	15196410
CIE Lab	90.41, 7.15, -11.77
CIE LCh	90, 13.771, 301.300
Yxy	77.2024, 0.3010, 0.3023
Android (android.graphics.Color)	4293386490 (0xFFE7E0FA)
YUV	229.0570, 10.3249, 1.7040
Hunter-Lab	87.8649, 2.3919, -6.8455

Details

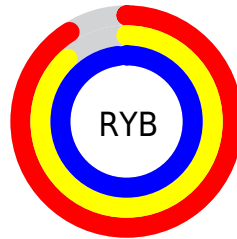
The XYZ color **76.8660, 77.2024, 101.2928** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.6052, 92.8098, 83.9797**, and the grayscale version is **74.4487, 78.3259, 85.2969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6048, 41.3849, 56.8342** is the 20% darker color. If you saturate the color by 10%, you get **65.0426, 61.8573, 98.9553**, and if you desaturate by 10%, it is **90.2974, 94.8470, 103.9918**.

Distribution



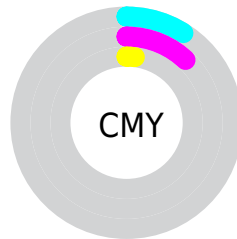
- Red (91%)
- Green (88%)
- Blue (98%)



- Red (91%)
- Yellow (88%)
- Blue (98%)



- Cyan (8%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8660, 77.2024, 101.2928 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 76.8660, 77.2024, 101.2928 by changing the saturation by 10% instead.

76.8660, 77.2024,
101.2928

76.8660, 77.2024,
101.2928

473.2060,
485.4538, 585.6116

57.4424, 57.4190,
76.7578

127.9242,
129.4252, 165.0000

41.6021, 41.3417,
56.5437

160.2895,
162.6333, 205.0092

28.9796, 28.5862,
40.2321

197.6994,
201.0852, 251.0136

19.2096, 18.7680,
27.4044

240.5193,
245.1651, 303.4317

11.9267, 11.5028,
17.6420

289.1146,
295.2576, 362.6820

6.7656, 6.4061,
10.5265

343.8506,

3.3610, 3.0935,

351.7469, 429.1831

5.6393

405.0926,
415.0175, 503.3534

■ 1.3474, 1.1808,
2.5618

■ 0.2183, 0.0459,
0.8726

■ 76.8660, 77.2024,
101.2928

■ 76.8660, 77.2024,
101.2928

■ 65.0426, 61.8573,
98.9553

■ 90.2974, 94.8470,
103.9918

■ 54.7587, 48.7064,
96.9589

■ 94.2556, 99.6822,
104.7165

■ 45.9507, 37.6506,
95.2891

■ 38.5478, 28.5793,
93.9284

■ 32.4732, 21.3714,
92.8573

■ 27.6421, 15.8923,
92.0543

■ 23.9592, 11.9888,
91.4950

■ 21.3131, 9.4790,
91.1500

■ 19.5899, 8.1056,
90.9758

Harmonies

Analogous

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



73.5287, 77.2024, 104.4389



76.8660, 77.2024, 101.2928



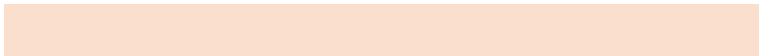
79.3297, 77.2024, 93.4814

Triad

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



76.8660, 77.2024, 101.2928



76.5983, 77.2024, 68.5267



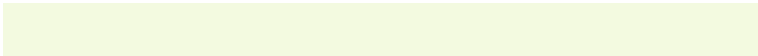
66.9675, 77.2024, 84.4906

Complementary

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



76.8660, 77.2024, 101.2928



84.6052, 92.8098, 83.9797

Split Complementary

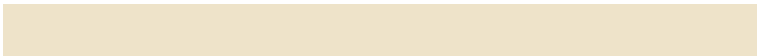
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7327, 77.2024, 75.2944



76.8660, 77.2024, 101.2928



73.2287, 77.2024, 66.5216

Square

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



76.8660, 77.2024, 101.2928



79.1719, 77.2024, 74.6052



69.9982, 77.2024, 68.9022



67.8750, 77.2024, 94.2823

Rectangle

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



76.8660, 77.2024, 101.2928



80.1074, 77.2024, 86.9558



69.9982, 77.2024, 68.9022



67.0375, 77.2024, 81.2297

Sweetspot

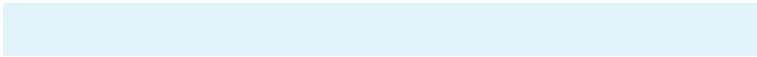
The Sweet Spot groups the original color and five complimentary colors.



76.8683, 77.2057, 101.2945



90.6308, 94.1708, 108.0078



80.0690, 86.8930, 102.9956



19.1515, 19.8310, 23.0683



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.



76.8683, 77.2057, 101.2945



78.2988, 78.0090, 105.5382



81.1986, 79.4380, 101.4972



16.7213, 16.8689, 21.7600



10.5073, 4.3594, 48.2612



1.0695, 0.4534, 4.4743

Inverse Universe

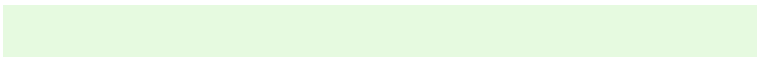
The Inverse Universe completely reimagines the original color for something new.



82.2604, 80.1098, 95.9250



84.7554, 81.4874, 99.0666



80.2973, 90.5890, 83.7781



17.7820, 17.4401, 20.7076



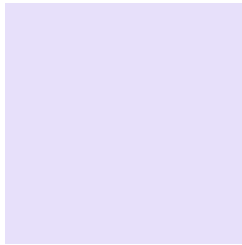
25.4931, 12.6129, 25.1026



2.4052, 1.1858, 2.5574

Previews

White Background



This preview shows how the XYZ color 76.8660, 77.2024, 101.2928 looks on a white background.

Color Contrast Check

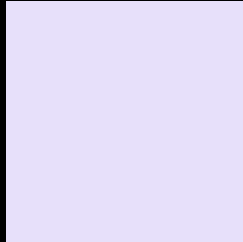
Large Text (above 18pt) WCAG AA × Fail

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 76.8660, 77.2024, 101.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

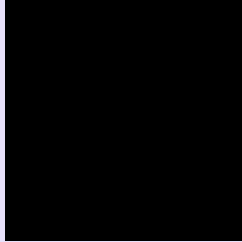
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8660, 77.2024, 101.2928

Background



This preview shows how black text looks on a background with the XYZ color 76.8660, 77.2024, 101.2928.

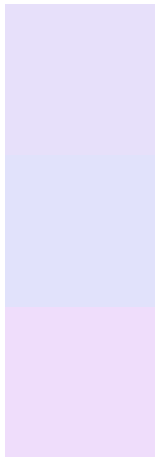


This preview shows how white text looks on a background with the XYZ color 76.8660, 77.2024,

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

76.8660, 77.2024, 101.2928

Protanopia

75.6603, 77.3653, 102.2121

Deuteranopia

78.8656, 77.0287, 101.9781



Tritanopia

75.7360, 77.1445, 95.6927

Trichromacy



Original Color

76.8660, 77.2024, 101.2928

Protanomaly

76.0164, 77.1464, 102.1510

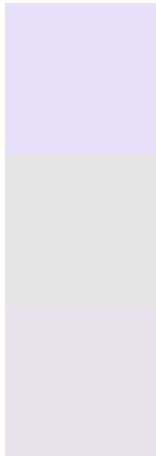
Deuteranomaly

78.1259, 77.0405, 102.0194

Tritanomaly

76.1929, 77.3272, 98.0986

Monochromacy



Original Color

76.8660, 77.2024, 101.2928

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.3883, 77.8756, 91.1789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8660, 77.2024, 101.2928 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(231, 224, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 224, 250)  
}
```

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(231, 224, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 224, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.8660, 77.2024, 101.2928 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(231, 224, 250) }
```


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

```
.border{ border-color:rgb(231, 224, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 224, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 224, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 224, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 224,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8660, 77.2024, 101.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 224, 250) }
```

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

```
.background{ background-color: rgb(231,  
224, 250) }
```

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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