

Converting Colors

XYZ(76.9472, 77.4935,
101.7818)

Have a look what the booklet for
XYZ(76.9472, 77.4935, 101.7818)
contains.

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Color

**XYZ(76.9709, 77.6385,
102.1957)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E1FB
RGB	230, 225, 251
RGB Percent	90%, 88%, 98%
CMY	0.0980, 0.1176, 0.0157
CMYK	0.08, 0.10, 0.00, 0.02
HSL	252°, 76%, 93%
HSV	252°, 10%, 98%
XYZ	76.9709, 77.6385, 102.1957
YIQ	229.4590, -5.3660, 9.1460

Conversions

Conversions Part 2

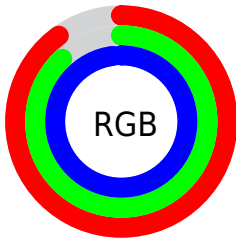
Format	Color
R_{YB}	230, 225, 251
Decimal	15131131
CIE _{Lab}	90.61, 6.50, -12.00
CIE _{LCh}	91, 13.650, 298.458
Yxy	77.6385, 0.2997, 0.3023
Android (android.graphics.Color)	4293321211 (0xFFE6E1FB)
YUV	229.4590, 10.6197, 0.4745
Hunter-Lab	88.1127, 1.7315, -7.0874

Details

The XYZ color **76.9709, 77.6385, 102.1957** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0968, 94.0255, 84.8490**, and the grayscale version is **74.7432, 78.6357, 85.6342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5679, 41.6432, 56.8860** is the 20% darker color. If you saturate the color by 10%, you get **64.5455, 61.8913, 99.8123**, and if you desaturate by 10%, it is **91.1552, 95.7773, 104.9505**.

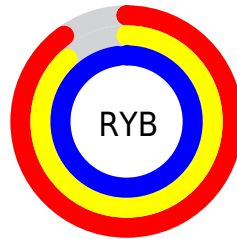
Distribution



Red (90%)

Green (88%)

Blue (98%)



Red (90%)

Yellow (88%)

Blue (98%)

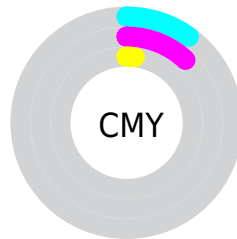


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (12%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9709, 77.6385, 102.1957 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 76.9709, 77.6385, 102.1957 by changing the saturation by 10% instead.

76.9709, 77.6385,
102.1957

76.9709, 77.6385,
102.1957

473.5583,
486.9383, 588.5163

57.5288, 57.7771,
77.5084

128.0715,
130.0404, 166.2494

41.6718, 41.6294,
57.1562

160.4607,
163.3496, 206.4530

29.0343, 28.8113,
40.7205

197.8963,
201.9103, 252.6658

19.2512, 18.9381,
27.7827

240.7437,
246.1067, 305.3063

11.9570, 11.6255,
17.9243

289.3683,
296.3233, 364.7930

6.7864, 6.4892,
10.7268

344.1353,

3.3740, 3.1448,

352.9445, 431.5446

5.7716

405.4102,
416.3547, 505.9795

■ 1.3545, 1.2078,
2.6401

■ 0.2235, 0.0680,
0.9131

■ 76.9709, 77.6385,
102.1957

■ 76.9709, 77.6385,
102.1957

■ 64.5455, 61.8913,
99.8123

■ 91.1552, 95.7773,
104.9505

■ 53.8030, 48.4257,
97.7794

■ 94.4128, 99.7451,
105.5446

■ 44.6717, 37.1381,
96.0819

■ 37.0724, 27.9125,
94.7017

■ 30.9186, 20.6223,
93.6189

■ 26.1152, 15.1268,
92.8113

■ 22.5551, 11.2654,
92.2536

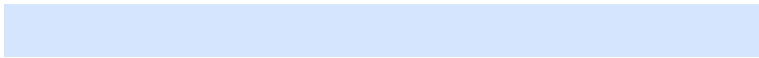
■ 20.1133, 8.8484,
91.9158

■ 18.6432, 7.5994,
91.7522

Harmonies

Analogous

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



73.6162, 77.6385, 104.7919



76.9709, 77.6385, 102.1957



79.5401, 77.6385, 94.7741

Triad

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



76.9709, 77.6385, 102.1957



77.2866, 77.6385, 69.4800



67.4132, 77.6385, 84.0293

Complementary

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



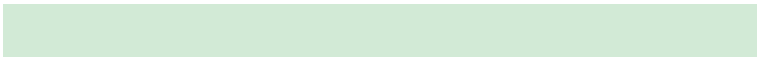
76.9709, 77.6385, 102.1957



86.0968, 94.0255, 84.8490

Split Complementary

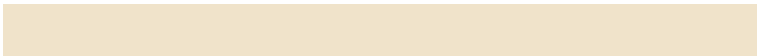
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.3298, 77.6385, 75.0615



76.9709, 77.6385, 102.1957



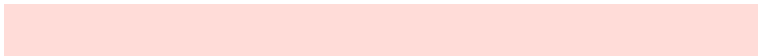
73.9702, 77.6385, 67.0731

Square

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



76.9709, 77.6385, 102.1957



79.7263, 77.6385, 75.8754



70.7039, 77.6385, 69.0362



68.1618, 77.6385, 93.8299

Rectangle

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



76.9709, 77.6385, 102.1957



80.4249, 77.6385, 88.3594



70.7039, 77.6385, 69.0362



67.5362, 77.6385, 80.8228

Sweetspot

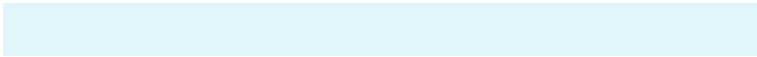
The Sweet Spot groups the original color and five complimentary colors.



76.9732, 77.6418, 102.1974



90.4208, 94.0625, 107.9979



81.4933, 89.0284, 104.1570



19.0951, 19.8019, 23.0657



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.



76.9732, 77.6418, 102.1974



77.5368, 77.6162, 105.5025



81.2221, 79.8322, 102.3963



16.5944, 16.8035, 21.7541



9.8897, 4.0410, 48.2323



0.9960, 0.4155, 4.4709

Inverse Universe

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



83.3462, 81.0170, 98.4378



85.1207, 81.6335, 100.9901



81.7708, 91.7954, 84.6465



17.8416, 17.4640, 21.0216



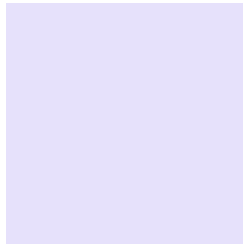
26.6149, 13.0617, 31.0100



2.5005, 1.2239, 3.0588

Previews

White Background



This preview shows how the XYZ color 76.9709, 77.6385, 102.1957 looks on a white background.

Color Contrast Check

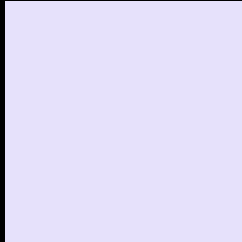
Large Text (above 18pt) WCAG AA × Fail

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 76.9709, 77.6385, 102.1957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

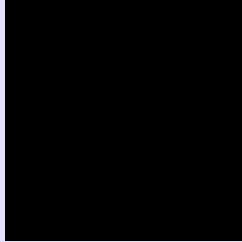
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9709, 77.6385, 102.1957

Background



This preview shows how black text looks on a background with the XYZ color 76.9709, 77.6385, 102.1957.



This preview shows how white text looks on a background with the XYZ color 76.9709, 77.6385,

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

76.9709, 77.6385, 102.1957

Protanopia

75.8184, 77.4285, 103.0446

Deuteranopia

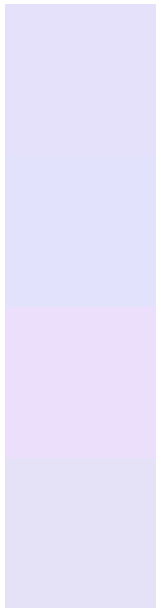
79.2886, 77.6215, 102.8990



Tritanopia

75.8386, 77.5824, 96.5657

Trichromacy



Original Color

76.9709, 77.6385, 102.1957

Protanomaly

76.4456, 77.7519, 103.0740

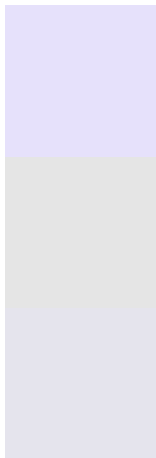
Deuteranomaly

78.5504, 77.6365, 102.9407

Tritanomaly

76.2980, 77.7661, 98.9847

Monochromacy



Original Color

76.9709, 77.6385, 102.1957

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.3426, 78.2592, 91.2553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9709, 77.6385, 102.1957 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, 225, 251) looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 251)  
}
```

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, 225, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 251) }
```

Border

The CSS property to change the border of an element to XYZ 76.9709, 77.6385, 102.1957 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, 225, 251) }
```


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

```
.border{ border-color:rgb(230, 225, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 225, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 225, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 225,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9709, 77.6385, 102.1957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 251) }
```

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

```
.background{ background-color: rgb(230,  
225, 251) }
```

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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