

Converting Colors

XYZ(77.2251, 76.3034,
101.5403)

Have a look what the booklet for
XYZ(77.2251, 76.3034, 101.5403)
contains.

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Color

**XYZ(77.2007, 76.1704,
101.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	EADDFB
RGB	234, 221, 251
RGB Percent	92%, 87%, 98%
CMY	0.0823, 0.1333, 0.0157
CMYK	0.07, 0.12, 0.00, 0.02
HSL	266°, 79%, 93%
HSV	266°, 12%, 98%
XYZ	77.2007, 76.1704, 101.9002
YIQ	228.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

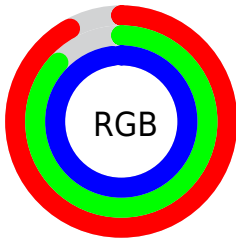
Format	Color
R_YB	234, 221, 251
Decimal	15392251
CIE Lab	89.94, 9.88, -12.98
CIE LCh	90, 16.312, 307.290
Yxy	76.1704, 0.3024, 0.2984
Android (android.graphics.Color)	4293582331 (0xFFEADDFB)
YUV	228.3070, 11.1876, 4.9928
Hunter-Lab	87.2757, 5.1619, -8.1321

Details

The XYZ color **77.2007, 76.1704, 101.9002** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.8111, 92.3940, 81.8796**, and the grayscale version is **73.8911, 77.7392, 84.6580**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7339, 40.6325, 56.6822** is the 20% darker color. If you saturate the color by 10%, you get **66.5791, 61.5831, 99.6456**, and if you desaturate by 10%, it is **89.1926, 92.9388, 104.5060**.

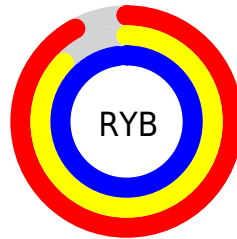
Distribution



Red (92%)

Green (87%)

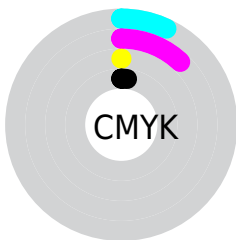
Blue (98%)



Red (92%)

Yellow (87%)

Blue (98%)

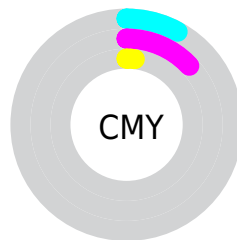


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (8%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2007, 76.1704, 101.9002 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 77.2007, 76.1704, 101.9002 by changing the saturation by 10% instead.

77.2007, 76.1704,
101.9002

77.2007, 76.1704,
101.9002

474.3295,
481.9308, 587.5665

57.7181, 56.5722,
77.2627

128.3941,
127.9677, 165.8406

41.8244, 40.6619,
56.9557

160.8356,
160.9357, 205.9807

29.1544, 28.0550,
40.5605

198.3275,
199.1291, 252.1253

19.3425, 18.3671,
27.6587

241.2350,
242.9323, 304.6931

12.0235, 11.2139,
17.8318

289.9237,
292.7296, 364.1026

6.8320, 6.2109,
10.6611

344.7587,

3.4026, 2.9737,

348.9056, 430.7723

5.7281

406.1055,
411.8445, 505.1207

■ 1.3701, 1.1180,
2.6144

■ 0.2348, 0.0000,
0.8999

■ 77.2007, 76.1704,
101.9002

■ 77.2007, 76.1704,
101.9002

■ 66.5791, 61.5831,
99.6456

■ 89.1926, 92.9388,
104.5060

■ 57.2683, 49.0751,
97.7220

■ 94.4128, 99.7451,
105.5446

■ 49.2144, 38.5509,
96.1151

■ 42.3569, 29.9031,
94.8073

■ 36.6297, 23.0143,
93.7795

■ 31.9594, 17.7531,
93.0102

■ 28.2626, 13.9687,
92.4746

■ 25.4403, 11.4802,
92.1430

■ 23.6889, 10.2006,
91.9883

Harmonies

Analogous

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



73.3867, 76.1704, 106.9872



77.2007, 76.1704, 101.9002



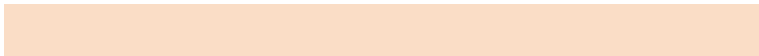
79.7932, 76.1704, 91.8142

Triad

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



77.2007, 76.1704, 101.9002



75.4345, 76.1704, 64.0815



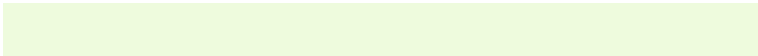
64.9713, 76.1704, 85.7882

Complementary

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



77.2007, 76.1704, 101.9002



82.8111, 92.3940, 81.8796

Split Complementary

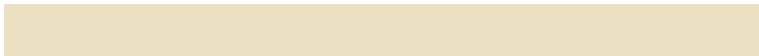
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.4738, 76.1704, 74.6505



77.2007, 76.1704, 101.9002



71.4176, 76.1704, 62.7909

Square

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



77.2007, 76.1704, 101.9002



78.7474, 76.1704, 70.1898



67.7981, 76.1704, 66.4850



66.3989, 76.1704, 97.1402

Rectangle

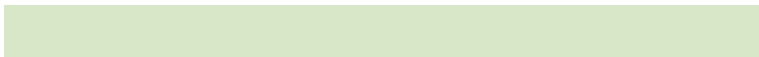
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2007, 76.1704, 101.9002



80.4274, 76.1704, 83.9916



67.7981, 76.1704, 66.4850



64.9210, 76.1704, 81.8905

Sweetspot

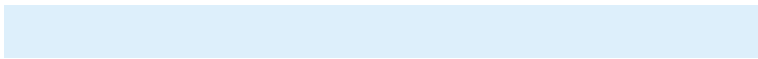
The Sweet Spot groups the original color and five complimentary colors.



77.2030, 76.1736, 101.9019



89.7871, 92.5839, 107.7459



77.9545, 83.7806, 103.3306



19.0119, 19.5272, 23.0170



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.



77.2030, 76.1736, 101.9019



77.6442, 75.6624, 105.1198



82.1602, 78.7292, 102.1339



16.9964, 17.0108, 21.7729



12.6114, 5.4441, 48.3597



1.2870, 0.5656, 4.4845

Inverse Universe

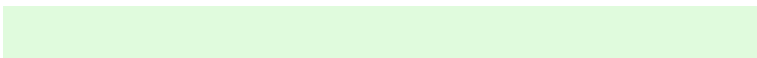
The Inverse Universe completely reimagines the original color for something new.



81.0754, 78.3986, 91.7521



82.3086, 78.3432, 92.8578



78.1368, 89.9843, 81.6609



17.6567, 17.3901, 20.0481



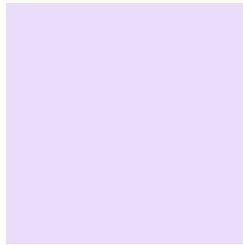
23.5627, 11.8408, 14.9375



2.2355, 1.1179, 1.6636

Previews

White Background



This preview shows how the XYZ color 77.2007, 76.1704, 101.9002 looks on a white background.

Color Contrast Check

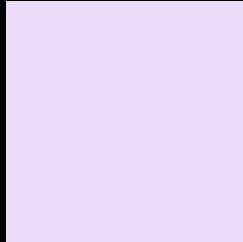
Large Text (above 18pt) WCAG AA × Fail

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 77.2007, 76.1704, 101.9002 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 77.2007, 76.1704, 101.9002

Background



This preview shows how black text looks on a background with the XYZ color 77.2007, 76.1704, 101.9002.

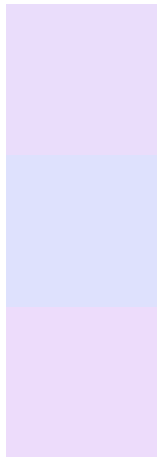


This preview shows how white text looks on a background with the XYZ color 77.2007, 76.1704,

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

77.2007, 76.1704, 101.9002

Protanopia

74.7790, 76.4719, 103.7478

Deuteranopia

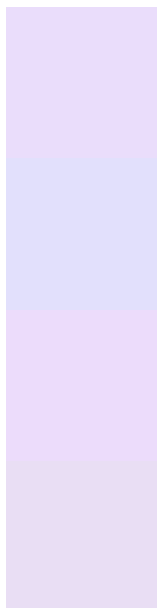
77.9308, 76.1560, 101.8590



Tritanopia

75.3946, 76.2224, 93.1768

Trichromacy



Original Color

77.2007, 76.1704, 101.9002

Protanomaly

75.5904, 76.5083, 102.8790

Deuteranomaly

77.5979, 75.9843, 101.8434

Tritanomaly

76.0547, 76.0978, 96.2678

Monochromacy



Original Color

77.2007, 76.1704, 101.9002

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6987, 76.7296, 90.2301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2007, 76.1704, 101.9002 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(234, 221, 251)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 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(234, 221, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 251) }
```

Border

The CSS property to change the border of an element to XYZ 77.2007, 76.1704, 101.9002 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(234, 221, 251) }
```


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

```
.border{ border-color:rgb(234, 221, 251) }
```

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

Here you see how a box with a 4 pixel rgb(234, 221, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 251);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2007, 76.1704, 101.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 251) }
```

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

```
.background{ background-color: rgb(234,  
221, 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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