

Converting Colors

XYZ(76.4334, 76.5634,
102.0165)

Have a look what the booklet for
XYZ(76.4334, 76.5634, 102.0165)
contains.

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Color

**XYZ(76.4334, 76.5634,
102.0165)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DFFB
RGB	230, 223, 251
RGB Percent	90%, 87%, 98%
CMY	0.0980, 0.1255, 0.0157
CMYK	0.08, 0.11, 0.00, 0.02
HSL	255°, 78%, 93%
HSV	255°, 11%, 98%
XYZ	76.4334, 76.5634, 102.0165
YIQ	228.2850, -4.8160, 10.1920

Conversions

Conversions Part 2

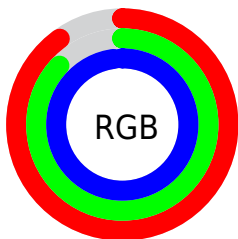
Format	Color
R _Y B	230, 223, 251
Decimal	15130619
CIE Lab	90.12, 7.55, -12.74
CIE LCh	90, 14.806, 300.648
Yxy	76.5634, 0.2997, 0.3002
Android (android.graphics.Color)	4293320699 (0xFFE6DFFB)
YUV	228.2850, 11.1985, 1.5041
Hunter-Lab	87.5005, 2.7973, -7.8756

Details

The XYZ color **76.4334, 76.5634, 102.0165** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1274, 93.5572, 83.3874**, and the grayscale version is **73.8764, 77.7238, 84.6412**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1958, 40.8990, 56.7620** is the 20% darker color. If you saturate the color by 10%, you get **64.4993, 61.1847, 99.6783**, and if you desaturate by 10%, it is **90.0187, 94.2731, 104.7200**.

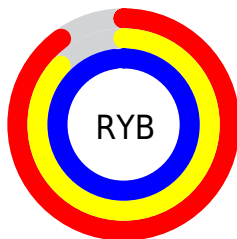
Distribution



Red (90%)

Green (87%)

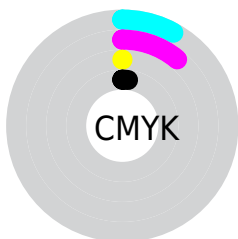
Blue (98%)



Red (90%)

Yellow (87%)

Blue (98%)

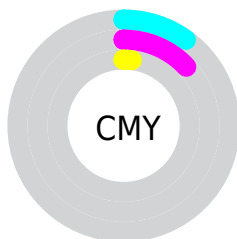


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4334, 76.5634, 102.0165 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 76.4334, 76.5634, 102.0165 by changing the saturation by 10% instead.

76.4334, 76.5634,
102.0165

76.4334, 76.5634,
102.0165

471.7516,
483.2741, 587.9404

57.0863, 56.8946,
77.3594

127.3165,
128.5230, 166.0015

41.3149, 40.9206,
57.0346

159.5831,
161.5826, 206.1666

28.7540, 28.2571,
40.6235

196.8869,
199.8746, 252.3381

19.0381, 18.5195,
27.7075

239.5933,
243.7833, 304.9345

11.8020, 11.3236,
17.8682

288.0676,
293.6933, 364.3744

6.6802, 6.2850,
10.6869

342.6752,

3.3075, 3.0191,

349.9888, 431.0763

5.7452

403.7814,
413.0543, 505.4588

■ 1.3184, 1.1417,
2.6245

■ 0.1969, 0.0133,
0.9051

■ 76.4334, 76.5634,
102.0165

■ 76.4334, 76.5634,
102.0165

■ 64.4993, 61.1847,
99.6783

■ 90.0187, 94.2731,
104.7200

■ 54.1454, 48.0295,
97.6848

■ 94.4128, 99.7451,
105.5446

■ 45.3054, 36.9962,
96.0211

■ 37.9056, 27.9714,
94.6691

■ 31.8659, 20.8311,
93.6092

■ 27.0978, 15.4369,
92.8194

■ 23.5015, 11.6311,
92.2743

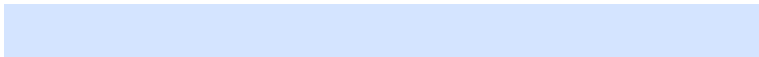
■ 20.9602, 9.2256,
91.9439

■ 19.4455, 8.0130,
91.7897

Harmonies

Analogous

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



72.8512, 76.5634, 105.2837



76.4334, 76.5634, 102.0165



79.1062, 76.5634, 93.6836

Triad

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



76.4334, 76.5634, 102.0165



76.2904, 76.5634, 66.9389



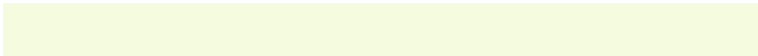
65.9311, 76.5634, 83.5937

Complementary

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



76.4334, 76.5634, 102.0165



85.1274, 93.5572, 83.3874

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.



66.7838, 76.5634, 73.8324



76.4334, 76.5634, 102.0165



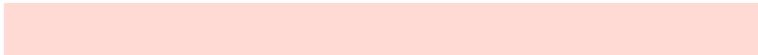
72.6913, 76.5634, 64.7205

Square

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



76.4334, 76.5634, 102.0165



79.0217, 76.5634, 73.4672



69.2279, 76.5634, 67.1370



66.8593, 76.5634, 94.1130

Rectangle

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



76.4334, 76.5634, 102.0165



79.9692, 76.5634, 86.6966



69.2279, 76.5634, 67.1370



66.0187, 76.5634, 80.1189

Sweetspot

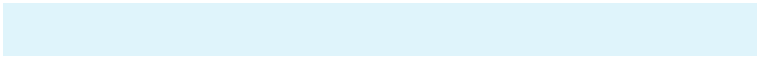
The Sweet Spot groups the original color and five complimentary colors.



76.4357, 76.5666, 102.0182



90.5782, 94.1437, 108.0053



80.3378, 87.6379, 103.9495



19.1374, 19.8238, 23.0677



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.



76.4357, 76.5666, 102.0182



76.8079, 76.2282, 105.2730



80.9492, 78.8935, 102.2294



16.6894, 16.8525, 21.7585



10.3324, 4.2692, 48.2530



1.0495, 0.4431, 4.4734

Inverse Universe

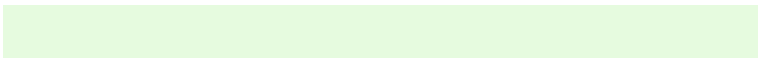
The Inverse Universe completely reimagines the original color for something new.



82.5031, 79.8196, 96.6500



84.0660, 80.1207, 98.7995



80.6021, 91.2242, 83.1756



17.7968, 17.4461, 20.7857



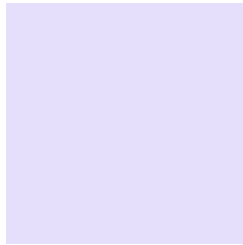
25.7599, 12.7197, 26.5080



2.4281, 1.1950, 2.6776

Previews

White Background



This preview shows how the XYZ color 76.4334, 76.5634, 102.0165 looks on a white background.

Color Contrast Check

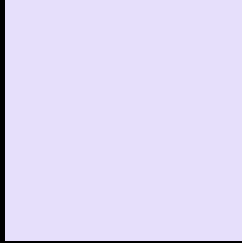
Large Text (above 18pt) WCAG AA × Fail

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 76.4334, 76.5634, 102.0165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

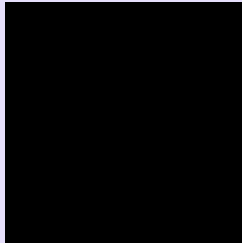
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4334, 76.5634, 102.0165

Background



This preview shows how black text looks on a background with the XYZ color 76.4334, 76.5634, 102.0165.

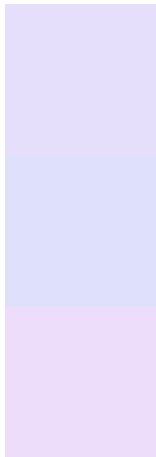


This preview shows how white text looks on a background with the XYZ color 76.4334, 76.5634,

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

76.4334, 76.5634, 102.0165

Protanopia

74.9273, 76.5667, 102.9252

Deuteranopia

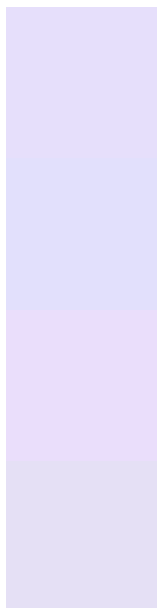
78.1941, 76.6825, 101.9467



Tritanopia

74.9958, 76.3801, 94.7945

Trichromacy



Original Color

76.4334, 76.5634, 102.0165

Protanomaly

75.5904, 76.5083, 102.8790

Deuteranomaly

77.4655, 76.7000, 101.9885

Tritanomaly

75.4502, 76.5619, 97.1875

Monochromacy



Original Color

76.4334, 76.5634, 102.0165

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6498, 77.1069, 90.3055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4334, 76.5634, 102.0165 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, 223, 251)` looks like.

```
.text, #text, p{  
    color:rgb(230, 223, 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, 223, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 223, 251) }
```

Border

The CSS property to change the border of an element to XYZ 76.4334, 76.5634, 102.0165 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, 223, 251) }
```


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

```
.border{ border-color:rgb(230, 223, 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, 223, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 223, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 223, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 223,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4334, 76.5634, 102.0165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 223, 251) }
```

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

```
.background{ background-color: rgb(230,  
223, 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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