

Converting Colors

XYZ(76.0658, 75.7572,
103.5931)

Have a look what the booklet for
XYZ(76.0658, 75.7572, 103.5931)
contains.

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Color

**XYZ(76.1640, 75.9924,
103.5822)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DEFD
RGB	229, 222, 253
RGB Percent	90%, 87%, 99%
CMY	0.1020, 0.1294, 0.0078
CMYK	0.09, 0.12, 0.00, 0.01
HSL	254°, 89%, 93%
HSV	254°, 12%, 99%
XYZ	76.1640, 75.9924, 103.5822
YIQ	227.6270, -5.7790, 11.1250

Conversions

Conversions Part 2

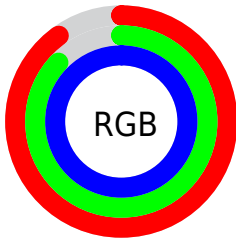
Format	Color
R _Y B	229, 222, 253
Decimal	15064829
CIE Lab	89.86, 8.14, -14.19
CIE LCh	90, 16.360, 299.843
Yxy	75.9924, 0.2978, 0.2971
Android (android.graphics.Color)	4293254909 (0xFFE5DEFD)
YUV	227.6270, 12.5089, 1.2041
Hunter-Lab	87.1736, 3.4025, -9.4285

Details

The XYZ color **76.1640, 75.9924, 103.5822** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.3188, 95.1193, 82.9212**, and the grayscale version is **73.3869, 77.2087, 84.0803**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0161, 40.5072, 57.8814** is the 20% darker color. If you saturate the color by 10%, you get **64.0407, 60.5063, 101.2332**, and if you desaturate by 10%, it is **90.0054, 93.8650, 106.3036**.

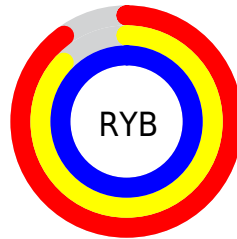
Distribution



Red (90%)

Green (87%)

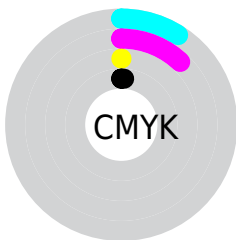
Blue (99%)



Red (90%)

Yellow (87%)

Blue (99%)

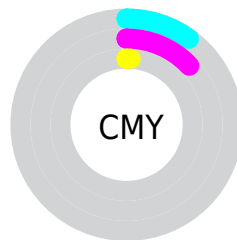


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (10%)

Magenta (13%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1640, 75.9924, 103.5822 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 76.1640, 75.9924, 103.5822 by changing the saturation by 10% instead.

76.1640, 75.9924,
103.5822

76.1640, 75.9924,
103.5822

470.8447,
481.3217, 592.9620

56.8645, 56.4263,
78.6620

126.9378,
127.7162, 168.1660

41.1362, 40.5448,
58.0983

159.1429,
160.6426, 208.6666

28.6137, 27.9636,
41.4725

196.3805,
198.7912, 255.1979

18.9316, 18.2982,
28.3660

239.0161,
242.5465, 308.1783

11.7246, 11.1643,
18.3603

287.4149,
292.2928, 368.0264

6.6273, 6.1774,
11.0368

341.9424,

3.2744, 2.9533,

348.4145, 435.1606

5.9771

402.9639,
411.2960, 509.9997

■ 1.3005, 1.1074,
2.7626

■ 0.1836, 0.0000,
0.9747

■ 76.1640, 75.9924,
103.5822

■ 76.1640, 75.9924,
103.5822

■ 64.0407, 60.5063,
101.2332

■ 90.0054, 93.8650,
106.3036

■ 53.5607, 47.2955,
99.2356

94.7298, 99.8719,
107.2141

■ 44.6534, 36.2543,
97.5740

■ 37.2405, 27.2648,
96.2295

■ 31.2366, 20.1974,
95.1818

■ 26.5475, 14.9078,
94.4080

■ 23.0662, 11.2305,
93.8816

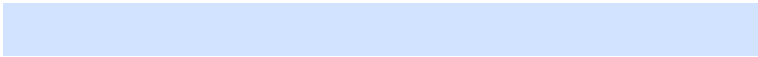
■ 20.6673, 8.9673,
93.5712

■ 19.4236, 7.9651,
93.4433

Harmonies

Analogous

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



72.2072, 75.9924, 107.0472



76.1640, 75.9924, 103.5822



79.1565, 75.9924, 94.4318

Triad

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



76.1640, 75.9924, 103.5822



76.2023, 75.9924, 64.9566



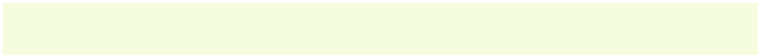
64.7345, 75.9924, 82.6817

Complementary

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



76.1640, 75.9924, 103.5822



86.3188, 95.1193, 82.9212

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.



65.7170, 75.9924, 72.0605



76.1640, 75.9924, 103.5822



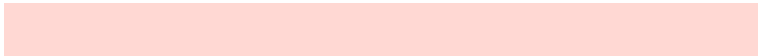
72.2498, 75.9924, 62.4273

Square

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



76.1640, 75.9924, 103.5822



79.1792, 75.9924, 72.1571



68.4310, 75.9924, 64.9046



65.6969, 75.9924, 94.3163

Rectangle

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



76.1640, 75.9924, 103.5822



80.1490, 75.9924, 86.7291



68.4310, 75.9924, 64.9046



64.8478, 75.9924, 78.8806

Sweetspot

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



76.1663, 75.9956, 103.5839



89.0359, 92.1967, 107.7108



80.8983, 88.7077, 105.7882



18.8222, 19.4294, 23.0082



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.



76.1663, 75.9956, 103.5839



73.9698, 72.7863, 104.7583



81.2368, 78.6095, 103.8212



17.3865, 17.5755, 22.7260



10.4350, 4.2899, 49.7126



1.1055, 0.4638, 4.8445

Inverse Universe

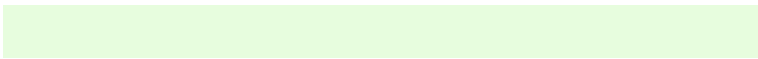
The Inverse Universe completely reimagines the original color for something new.



83.2664, 79.7823, 98.2032



82.6792, 77.4332, 98.0717



81.1976, 92.4792, 82.6816



18.6069, 18.2261, 21.8129



26.9002, 13.2494, 29.1888



2.6601, 1.3064, 3.0576

Previews

White Background



This preview shows how the XYZ color 76.1640, 75.9924, 103.5822 looks on a white background.

Color Contrast Check

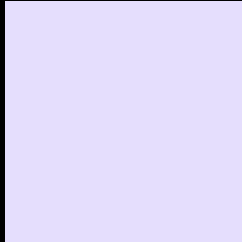
Large Text (above 18pt) WCAG AA × Fail

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 76.1640, 75.9924, 103.5822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

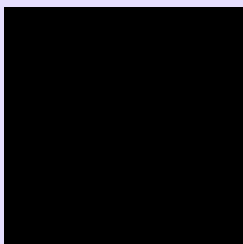
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1640, 75.9924, 103.5822

Background



This preview shows how black text looks on a background with the XYZ color 76.1640, 75.9924, 103.5822.

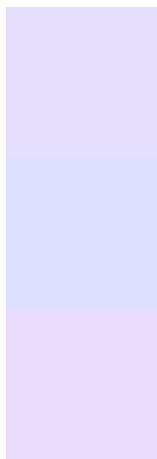


This preview shows how white text looks on a background with the XYZ color 76.1640, 75.9924,

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

76.1640, 75.9924, 103.5822

Protanopia

74.3638, 75.8392, 104.4850

Deuteranopia

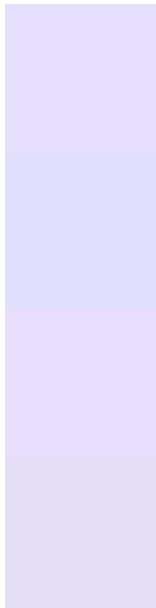
77.5838, 75.9404, 103.4974



Tritanopia

74.3612, 76.0530, 94.7648

Trichromacy



Original Color

76.1640, 75.9924, 103.5822

Protanomaly

75.0175, 75.7784, 104.4388

Deuteranomaly

77.1903, 76.1284, 103.5544

Tritanomaly

75.0171, 75.9232, 97.8896

Monochromacy



Original Color

76.1640, 75.9924, 103.5822

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.4773, 77.0011, 91.0581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1640, 75.9924, 103.5822 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(229, 222, 253)` looks like.

```
.text, #text, p{  
    color:rgb(229, 222, 253)  
}
```

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(229, 222, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 222, 253) }
```

Border

The CSS property to change the border of an element to XYZ 76.1640, 75.9924, 103.5822 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(229, 222, 253) }
```


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

```
.border{ border-color:rgb(229, 222, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 222, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 222, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 222, 253);  
box-shadow:4px 4px 4px 4px rgb(229, 222,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1640, 75.9924, 103.5822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 222, 253) }
```

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

```
.background{ background-color: rgb(229,  
222, 253) }
```

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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