

Converting Colors

XYZ(81.0806, 79.1219,
102.4772)

Have a look what the booklet for
XYZ(81.0806, 79.1219, 102.4772)
contains.

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Color

**XYZ(80.7624, 78.7951,
102.2191)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DFFB
RGB	243, 223, 251
RGB Percent	95%, 87%, 98%
CMY	0.0471, 0.1255, 0.0157
CMYK	0.03, 0.11, 0.00, 0.02
HSL	283°, 78%, 93%
HSV	283°, 11%, 98%
XYZ	80.7624, 78.7951, 102.2191
YIQ	232.1720, 2.9320, 12.9480

Conversions

Conversions Part 2

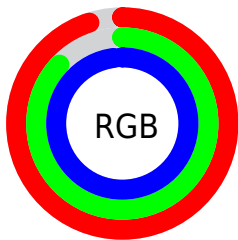
Format	Color
RYB	243, 223, 251
Decimal	15982587
CIELab	91.14, 11.76, -11.11
CIELCh	91, 16.178, 316.644
Yxy	78.7951, 0.3085, 0.3010
Android (android.graphics.Color)	4294172667 (0xFFFF3DFFB)
YUV	232.1720, 9.2822, 9.4962
Hunter-Lab	88.7666, 7.0629, -6.1387

Details

The XYZ color **80.7624, 78.7951, 102.2191** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7744, 91.3131, 83.1839**, and the grayscale version is **76.7637, 80.7614, 87.9491**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2338, 42.4651, 56.9042** is the 20% darker color. If you saturate the color by 10%, you get **72.1208, 65.1138, 100.0350**, and if you desaturate by 10%, it is **90.4995, 94.5211, 104.7425**.

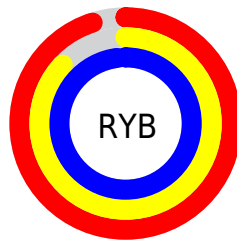
Distribution



Red (95%)

Green (87%)

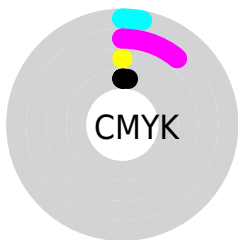
Blue (98%)



Red (95%)

Yellow (87%)

Blue (98%)

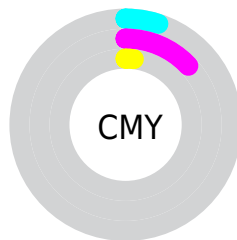


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (5%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.7624, 78.7951, 102.2191 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 80.7624, 78.7951, 102.2191 by changing the saturation by 10% instead.

80.7624, 78.7951,
102.2191

80.7624, 78.7951,
102.2191

486.1960,
490.8629, 588.5915

60.6566, 58.7274,
77.5279

133.3820,
131.6704, 166.2818

44.1995, 42.3937,
57.1721

166.6265,
165.2467, 206.4904

31.0260, 29.4097,
40.7332

204.9812,
204.0946, 252.7086

20.7706, 19.3910,
27.7925

248.8115,
248.5986, 305.3548

13.0679, 11.9531,
17.9316

298.4828,
299.1431, 364.8477

7.5526, 6.7118,
10.7320

354.3604,

3.8594, 3.2825,

356.1123, 431.6057

5.7750

416.8097,
419.8908, 506.0475

■ 1.6229, 1.2809,
2.6422

■ 0.4073, 0.1264,
0.9141

■ 80.7624, 78.7951,
102.2191

■ 80.7624, 78.7951,
102.2191

■ 72.1208, 65.1138,
100.0350

■ 90.4995, 94.5211,
104.7425

■ 64.5229, 53.3793,
98.1705

■ 94.4128, 99.7451,
105.5446

■ 57.9232, 43.5009,
96.6116

■ 52.2697, 35.3765,
95.3414

■ 47.5057, 28.8937,
94.3412

■ 43.5673, 23.9273,
93.5901

■ 40.3818, 20.3332,
93.0643

■ 37.8620, 17.9388,
92.7349

■ 36.0677, 16.5821,
92.5676

Harmonies

Analogous

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



77.1695, 78.7951, 109.2547



80.7624, 78.7951, 102.2191



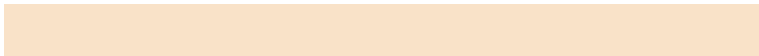
82.8144, 78.7951, 91.1076

Triad

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



80.7624, 78.7951, 102.2191



76.7253, 78.7951, 65.6781



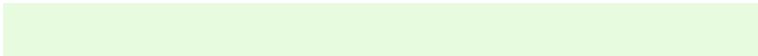
67.6015, 78.7951, 92.4144

Complementary

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



80.7624, 78.7951, 102.2191



80.7744, 91.3131, 83.1839

Split Complementary

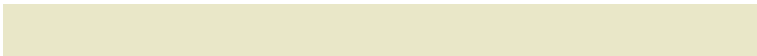
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.4924, 78.7951, 80.6921



80.7624, 78.7951, 102.2191



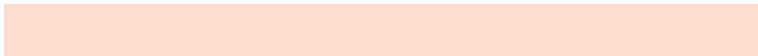
72.6605, 78.7951, 65.9587

Square

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



80.7624, 78.7951, 102.2191



80.4270, 78.7951, 70.4258



69.3139, 78.7951, 71.2308



69.6177, 78.7951, 103.2506

Rectangle

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



80.7624, 78.7951, 102.2191



82.9857, 78.7951, 83.2126



69.3139, 78.7951, 71.2308



67.3432, 78.7951, 88.4292

Sweetspot

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



80.7647, 78.7985, 102.2208



91.8582, 94.8036, 108.0652



76.5352, 80.0324, 102.6819



19.4827, 20.0017, 23.0838



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.



80.7647, 78.7985, 102.2208



81.9719, 78.8904, 105.5147



82.7163, 79.9050, 97.7721



17.4814, 17.2608, 21.7956



19.1090, 8.7937, 48.6638



1.8741, 0.8682, 4.5120

Inverse Universe

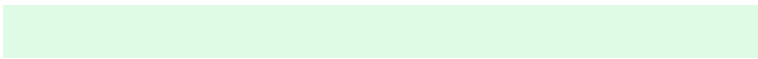
The Inverse Universe completely reimagines the original color for something new.



80.5979, 79.0577, 86.6169



81.7909, 79.2107, 86.8187



79.0185, 90.3192, 87.1084



17.4485, 17.3068, 18.9516



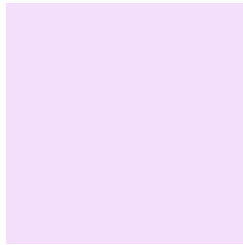
21.5759, 11.0461, 4.4752



2.0418, 1.0405, 0.6438

Previews

White Background



This preview shows how the XYZ color 80.7624, 78.7951, 102.2191 looks on a white background.

Color Contrast Check

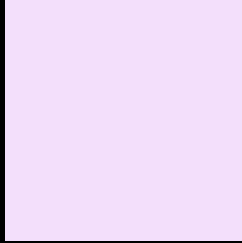
Large Text (above 18pt) WCAG AA × Fail

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 80.7624, 78.7951, 102.2191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

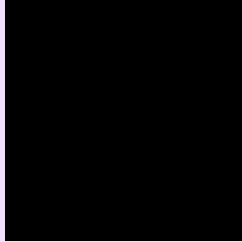
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.7624, 78.7951, 102.2191

Background



This preview shows how black text looks on a background with the XYZ color 80.7624, 78.7951, 102.2191.

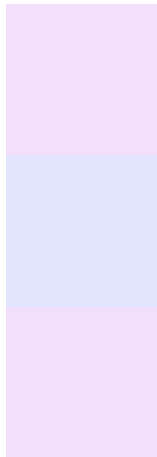


This preview shows how white text looks on a background with the XYZ color 80.7624, 78.7951,

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

80.7624, 78.7951, 102.2191

Protanopia

77.3113, 78.9735, 104.9346

Deuteranopia

80.4182, 78.6176, 102.2030



Tritanopia

79.3006, 78.5994, 94.9960

Trichromacy



Original Color

80.7624, 78.7951, 102.2191

Protanomaly

78.5303, 78.8082, 104.0010

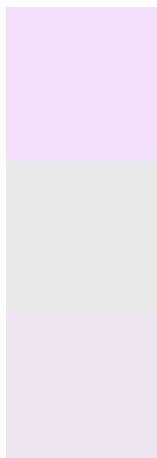
Deuteranomaly

80.4182, 78.6176, 102.2030

Tritanomaly

79.7550, 78.7811, 97.3889

Monochromacy



Original Color

80.7624, 78.7951, 102.2191

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.1914, 80.1035, 93.0017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.7624, 78.7951, 102.2191 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(243, 223, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 223, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 223, 251) }
```

Border

The CSS property to change the border of an element to XYZ 80.7624, 78.7951, 102.2191 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(243, 223, 251) }
```


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

```
.border{ border-color:rgb(243, 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(243, 223, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 223, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 223, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 223,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 80.7624, 78.7951, 102.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 223, 251) }
```

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

```
.background{ background-color: rgb(243,  
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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