

Converting Colors

XYZ(78.9963, 76.2801,
103.4885)

Have a look what the booklet for
XYZ(78.9963, 76.2801, 103.4885)
contains.

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Color

**XYZ(78.9963, 76.2801,
103.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DBFD
RGB	240, 219, 253
RGB Percent	94%, 86%, 99%
CMY	0.0588, 0.1412, 0.0078
CMYK	0.05, 0.13, 0.00, 0.01
HSL	277°, 89%, 93%
HSV	277°, 13%, 99%
XYZ	78.9963, 76.2801, 103.4885
YIQ	229.1550, 1.6020, 15.0260

Conversions

Conversions Part 2

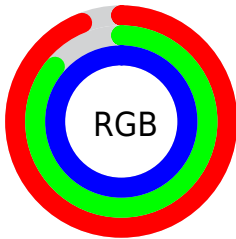
Format	Color
R _Y B	240, 219, 253
Decimal	15784957
CIE Lab	89.99, 13.25, -13.90
CIE LCh	90, 19.206, 313.632
Yxy	76.2801, 0.3053, 0.2948
Android (android.graphics.Color)	4293975037 (0xFFF0DBFD)
YUV	229.1550, 11.7556, 9.5111
Hunter-Lab	87.3385, 8.6081, -9.1166

Details

The XYZ color **78.9963, 76.2801, 103.4885** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.1929, 92.5228, 80.6009**, and the grayscale version is **74.5075, 78.3877, 85.3642**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0064, 40.7268, 57.8189** is the 20% darker color. If you saturate the color by 10%, you get **69.6944, 62.4217, 101.3050**, and if you desaturate by 10%, it is **89.4809, 92.2415, 106.0179**.

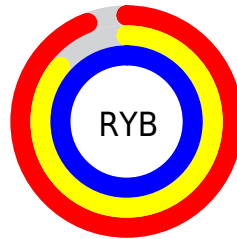
Distribution



Red (94%)

Green (86%)

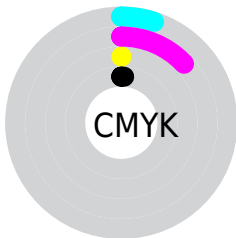
Blue (99%)



Red (94%)

Yellow (86%)

Blue (99%)

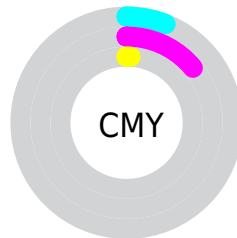


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (1%)



Cyan (6%)

Magenta (14%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9963, 76.2801, 103.4885 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 78.9963, 76.2801, 103.4885 by changing the saturation by 10% instead.

78.9963, 76.2801,
103.4885

78.9963, 76.2801,
103.4885

480.3320,
482.3060, 592.6621

59.1984, 56.6622,
78.5841

130.9116,
128.1228, 168.0365

43.0198, 40.7341,
58.0346

163.7597,
161.1163, 208.5172

30.0953, 28.1114,
41.4216

201.6886,
199.3373, 255.0270

20.0593, 18.4096,
28.3265

245.0636,
243.1699, 307.9845

12.5467, 11.2445,
18.3307

294.2501,
292.9988, 367.8082

7.1920, 6.2315,
11.0158

349.6134,

3.6299, 2.9864,

349.2081, 434.9167

5.9632

411.5190,
412.1824, 509.7284

■ 1.4949, 1.1246,
2.7543

■ 0.3224, 0.0000,
0.9706

■ 78.9963, 76.2801,
103.4885

■ 78.9963, 76.2801,
103.4885

■ 69.6944, 62.4217,
101.3050

■ 89.4809, 92.2415,
106.0179

■ 61.5207, 50.5648,
99.4472

94.7298, 99.8719,
107.2141

■ 54.4260, 40.6141,
97.9004

■ 48.3547, 32.4626,
96.6470

■ 43.2456, 25.9922,
95.6674

■ 39.0302, 21.0703,
94.9395

■ 35.6295, 17.5436,
94.4381

■ 32.9482, 15.2258,
94.1320

■ 31.4901, 14.1856,
94.0081

Harmonies

Analogous

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



74.6785, 76.2801, 111.1937



78.9963, 76.2801, 103.4885



81.6339, 76.2801, 90.6564

Triad

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



78.9963, 76.2801, 103.4885



75.1094, 76.2801, 60.3784



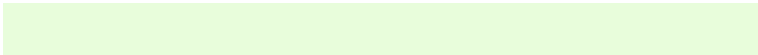
63.9737, 76.2801, 89.3823

Complementary

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



78.9963, 76.2801, 103.4885



81.1929, 92.5228, 80.6009

Split Complementary

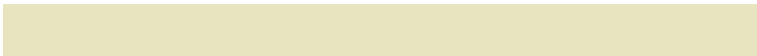
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.0777, 76.2801, 75.8928



78.9963, 76.2801, 103.4885



70.3681, 76.2801, 60.1172

Square

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



78.9963, 76.2801, 103.4885



79.3236, 76.2801, 66.2648



66.3737, 76.2801, 65.5073



66.0831, 76.2801, 102.4683

Rectangle

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



78.9963, 76.2801, 103.4885



82.0157, 76.2801, 81.4080



66.3737, 76.2801, 65.5073



63.7539, 76.2801, 84.7262

Sweetspot

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



78.9986, 76.2834, 103.4902



90.4615, 92.9316, 107.7775



75.8119, 79.8870, 104.3537



19.1826, 19.6152, 23.0250



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.



78.9986, 76.2834, 103.4902



77.8786, 73.8346, 104.7546



82.9458, 78.3905, 100.4105



18.0805, 17.9332, 22.7585



16.9189, 7.6325, 50.0161



1.7692, 0.8060, 4.8756

Inverse Universe

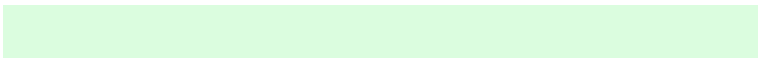
The Inverse Universe completely reimagines the original color for something new.



80.4076, 77.3752, 87.0445



79.5922, 75.1564, 85.0283



77.6562, 90.6385, 83.1940



18.2968, 18.1020, 20.1800



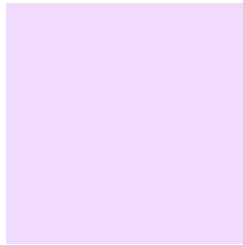
22.7557, 11.5916, 7.3641



2.2669, 1.1492, 0.9872

Previews

White Background



This preview shows how the XYZ color 78.9963, 76.2801, 103.4885 looks on a white background.

Color Contrast Check

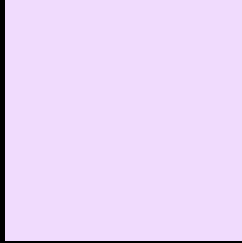
Large Text (above 18pt) WCAG AA × Fail

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 78.9963, 76.2801, 103.4885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

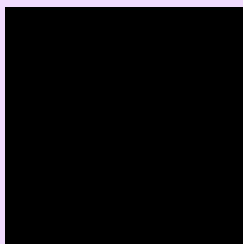
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9963, 76.2801, 103.4885

Background



This preview shows how black text looks on a background with the XYZ color 78.9963, 76.2801, 103.4885.

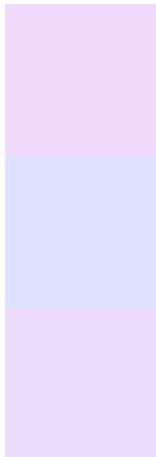


This preview shows how white text looks on a background with the XYZ color 78.9963, 76.2801,

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

78.9963, 76.2801, 103.4885

Protanopia

75.0994, 76.6000, 105.4349

Deuteranopia

77.9149, 76.1111, 103.5129



Tritanopia

76.6963, 76.1220, 92.3120

Trichromacy



Original Color

78.9963, 76.2801, 103.4885

Protanomaly

76.5902, 76.5891, 104.5124

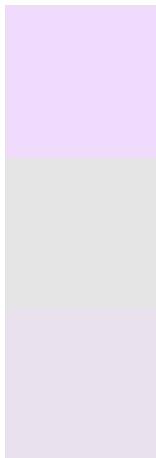
Deuteranomaly

78.2479, 76.2828, 103.5284

Tritanomaly

77.5189, 76.0688, 96.1850

Monochromacy



Original Color

78.9963, 76.2801, 103.4885

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.9621, 77.3471, 91.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9963, 76.2801, 103.4885 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(240, 219, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 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(240, 219, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 253) }
```

Border

The CSS property to change the border of an element to XYZ 78.9963, 76.2801, 103.4885 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(240, 219, 253) }
```


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

```
.border{ border-color:rgb(240, 219, 253) }
```

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

Here you see how a box with a 4 pixel rgb(240, 219, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9963, 76.2801, 103.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 253) }
```

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

```
.background{ background-color: rgb(240,  
219, 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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