

Converting Colors

XYZ(77.1355, 76.5027,
103.2987)

Have a look what the booklet for
XYZ(77.1355, 76.5027, 103.2987)
contains.

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Color

**XYZ(77.1296, 76.4902,
103.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DEFD
RGB	232, 222, 253
RGB Percent	91%, 87%, 99%
CMY	0.0902, 0.1294, 0.0078
CMYK	0.08, 0.12, 0.00, 0.01
HSL	259°, 89%, 93%
HSV	259°, 12%, 99%
XYZ	77.1296, 76.4902, 103.6274
YIQ	228.5240, -3.9910, 11.7610

Conversions

Conversions Part 2

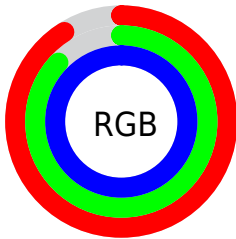
Format	Color
R _Y B	232, 222, 253
Decimal	15261437
CIE Lab	90.09, 9.10, -13.82
CIE LCh	90, 16.549, 303.364
Yxy	76.4902, 0.2998, 0.2973
Android (android.graphics.Color)	4293451517 (0xFFE8DEFD)
YUV	228.5240, 12.0667, 3.0485
Hunter-Lab	87.4587, 4.3660, -9.0300

Details

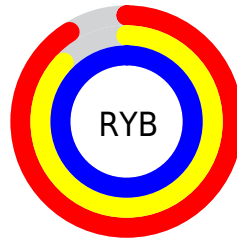
The XYZ color **77.1296, 76.4902, 103.6274** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.2750, 94.5812, 82.8725**, and the grayscale version is **74.0449, 77.9010, 84.8342**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6870, 40.8531, 57.9128** is the 20% darker color. If you saturate the color by 10%, you get **65.6129, 61.3168, 101.3068**, and if you desaturate by 10%, it is **90.2018, 93.9663, 106.3128**.

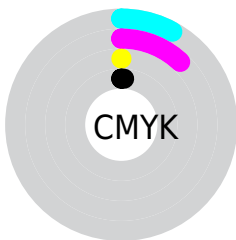
Distribution



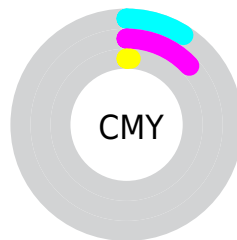
- Red (91%)
- Green (87%)
- Blue (99%)



- Red (91%)
- Yellow (87%)
- Blue (99%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (13%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1296, 76.4902, 103.6274 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 77.1296, 76.4902, 103.6274 by changing the saturation by 10% instead.

77.1296, 76.4902,
103.6274

77.1296, 76.4902,
103.6274

474.0910,
483.0241, 593.1066

57.6595, 56.8346,
78.6997

128.2943,
128.4196, 168.2284

41.7772, 40.8724,
58.1291

160.7196,
161.4621, 208.7387

29.1172, 28.2194,
41.4970

198.1941,
199.7358, 255.2804

19.3142, 18.4911,
28.3850

241.0831,
243.6249, 308.2718

12.0029, 11.3032,
18.3745

289.7519,
293.5139, 368.1316

6.8179, 6.2711,
11.0470

344.5659,

3.3938, 3.0106,

349.7872, 435.2783

5.9839

405.8905,
412.8291, 510.1305

■ 1.3653, 1.1373,
2.7667

■ 0.2313, 0.0096,
0.9768

■ 77.1296, 76.4902,
103.6274

■ 77.1296, 76.4902,
103.6274

■ 65.6129, 61.3168,
101.3068

■ 90.2018, 93.9663,
106.3128

■ 55.5846, 48.3389,
99.3304

94.7298, 99.8719,
107.2141

■ 46.9828, 37.4552,
97.6830

■ 39.7381, 28.5524,
96.3464

■ 33.7751, 21.5061,
95.3006

■ 29.0103, 16.1775,
94.5232

■ 25.3491, 12.4074,
93.9885

■ 22.6798, 10.0048,
93.6654

■ 21.1746, 8.8678,
93.5253

Harmonies

Analogous

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



73.1659, 76.4902, 107.9511



77.1296, 76.4902, 103.6274



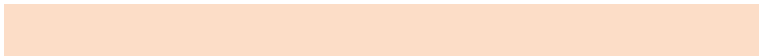
79.9879, 76.4902, 93.8359

Triad

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



77.1296, 76.4902, 103.6274



76.2980, 76.4902, 64.6683



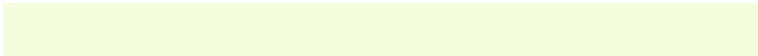
65.1033, 76.4902, 84.6185

Complementary

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



77.1296, 76.4902, 103.6274



85.2750, 94.5812, 82.8725

Split Complementary

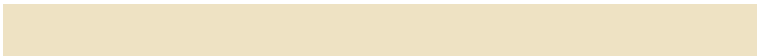
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8718, 76.4902, 73.5559



77.1296, 76.4902, 103.6274



72.2394, 76.4902, 62.6950

Square

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



77.1296, 76.4902, 103.6274



79.4953, 76.4902, 71.4609



68.4465, 76.4902, 65.7955



66.3065, 76.4902, 96.3460

Rectangle

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



77.1296, 76.4902, 103.6274



80.8272, 76.4902, 85.9244



68.4465, 76.4902, 65.7955



65.1397, 76.4902, 80.6999

Sweetspot

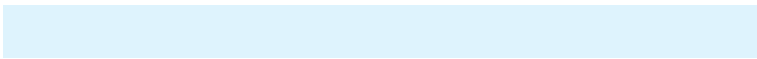
The Sweet Spot groups the original color and five complimentary colors.



77.1319, 76.4934, 103.6291



89.3851, 92.3767, 107.7271



79.9619, 86.8349, 105.4760



18.9103, 19.4748, 23.0123



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.



77.1319, 76.4934, 103.6291



75.1391, 73.3891, 104.8130



82.3228, 79.1694, 103.8720



17.5545, 17.6621, 22.7338



11.3982, 4.7865, 49.7577



1.2183, 0.5220, 4.8498

Inverse Universe

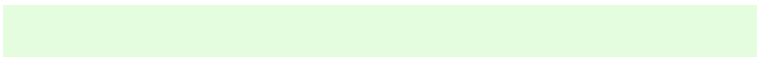
The Inverse Universe completely reimagines the original color for something new.



82.8096, 79.5996, 95.7974



82.1154, 77.2077, 95.1026



80.2072, 91.9686, 82.6353



18.5288, 18.1948, 21.4018



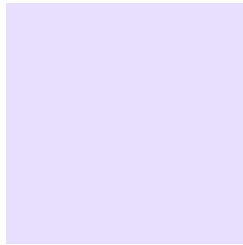
25.5492, 12.7090, 22.0741



2.5377, 1.2574, 2.4127

Previews

White Background



This preview shows how the XYZ color 77.1296, 76.4902, 103.6274 looks on a white background.

Color Contrast Check

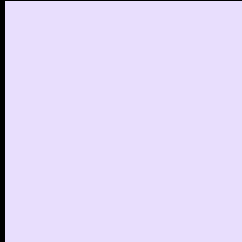
Large Text (above 18pt) WCAG AA × Fail

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 77.1296, 76.4902, 103.6274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

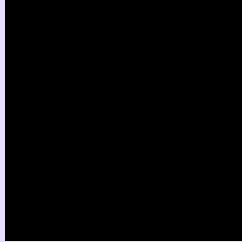
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1296, 76.4902, 103.6274

Background



This preview shows how black text looks on a background with the XYZ color 77.1296, 76.4902, 103.6274.

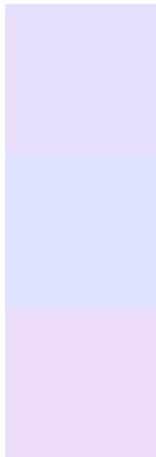


This preview shows how white text looks on a background with the XYZ color 77.1296, 76.4902,

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

77.1296, 76.4902, 103.6274

Protanopia

75.0994, 76.6000, 105.4349

Deuteranopia

78.1781, 76.6376, 103.6006



Tritanopia

75.3158, 76.5451, 94.8095

Trichromacy



Original Color

77.1296, 76.4902, 103.6274

Protanomaly

75.9091, 76.6358, 104.5573

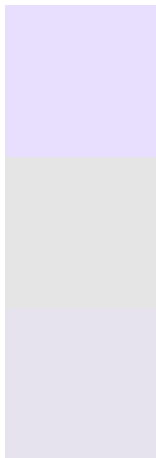
Deuteranomaly

77.8470, 76.4669, 103.5851

Tritanomaly

75.9772, 76.4181, 97.9345

Monochromacy



Original Color

77.1296, 76.4902, 103.6274

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2621, 77.3888, 91.8597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1296, 76.4902, 103.6274 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(232, 222, 253)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 222, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 253) }
```

Border

The CSS property to change the border of an element to XYZ 77.1296, 76.4902, 103.6274 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(232, 222, 253) }
```


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

```
.border{ border-color:rgb(232, 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(232, 222, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 253);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1296, 76.4902, 103.6274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 253) }
```

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

```
.background{ background-color: rgb(232,  
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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