

Converting Colors

XYZ(83.2211, 77.1424,
104.2714)

Have a look what the booklet for
XYZ(83.2211, 77.1424, 104.2714)
contains.

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Color

**XYZ(83.3183, 77.3383,
104.3024)**

Conversions

Conversions Part 1

Format	Color
Hex	FED8FE
RGB	254, 216, 254
RGB Percent	100%, 85%, 100%
CMY	0.0039, 0.1529, 0.0039
CMYK	0.00, 0.15, 0.00, 0.00
HSL	300°, 95%, 92%
HSV	300°, 15%, 100%
XYZ	83.3183, 77.3383, 104.3024
YIQ	231.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

Format	Color
R _Y B	254, 216, 254
Decimal	16701694
CIE Lab	90.48, 19.57, -13.57
CIE LCh	90, 23.818, 325.256
Yxy	77.3383, 0.3145, 0.2919
Android (android.graphics.Color)	4294891774 (0xFF FED8FE)
YUV	231.6940, 10.9969, 19.5624
Hunter-Lab	87.9422, 15.2158, -8.7604

Details

The XYZ color **83.3183, 77.3383, 104.3024** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.1584, 90.4426, 78.4130**, and the grayscale version is **76.3899, 80.3682, 87.5209**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8489, 41.3913, 58.3961** is the 20% darker color. If you saturate the color by 10%, you get **77.3081, 65.3168, 102.2998**, and if you desaturate by 10%, it is **90.3389, 91.3782, 106.6436**.

Distribution



- Red (100%)
- Green (85%)
- Blue (100%)



- Red (100%)
- Yellow (85%)
- Blue (100%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3183, 77.3383, 104.3024 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 83.3183, 77.3383, 104.3024 by changing the saturation by 10% instead.


 83.3183, 77.3383,
104.3024

 83.3183, 77.3383,
104.3024


494.6146,
485.9167, 595.2643

 62.7706, 57.5306,
79.2617


136.9474,
129.6169, 169.1605

 45.9136, 41.4314,
58.5884


170.7595,
162.8566, 209.8149

 32.3820, 28.6563,
41.8640


209.7237,
201.3424, 256.5109

 21.8104, 18.8210,
28.6701

254.2054,
245.4587, 309.6671

 13.8335, 11.5410,
18.5879

304.5700,
295.5898, 369.7020

 8.0858, 6.4320,
11.1991

361.1829,

 4.2022, 3.1095,

352.1203, 437.0341

6.0851

424.4093,
415.4345, 512.0821

■ 1.8171, 1.1892,
2.8273

■ 0.5280, 0.0528,
1.0071

■ 83.3183, 77.3383,
104.3024

■ 83.3183, 77.3383,
104.3024

■ 77.3081, 65.3168,
102.2998

■ 90.3389, 91.3782,
106.6436

■ 72.2554, 55.2114,
100.6154

94.5233, 99.7470,
108.0386

■ 68.1128, 46.9263,
99.2344

94.5233, 99.7470,
108.0387

■ 64.8263, 40.3532,
98.1388

94.5234, 99.7470,
108.0388

■ 62.3359, 35.3725, 94.5234, 99.7470,
97.3085 108.0390

■ 60.5743, 31.8493, 94.5234, 99.7471,
96.7212 108.0391

■ 59.4628, 29.6263, 94.5235, 99.7471,
96.3505 108.0393

■ 58.9045, 28.5098, 94.5235, 99.7471,
96.1643 108.0394

■ 58.7630, 28.2269, 94.5235, 99.7471,
96.1171 108.0395

Harmonies

Analogous

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



78.4995, 77.3383, 117.4649



83.3183, 77.3383, 104.3024



85.5128, 77.3383, 86.9480

Triad

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



83.3183, 77.3383, 104.3024



74.4582, 77.3383, 55.5862



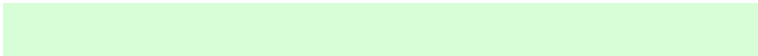
63.6356, 77.3383, 98.9809

Complementary

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



83.3183, 77.3383, 104.3024



76.1584, 90.4426, 78.4130

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.



62.6824, 77.3383, 81.5267



83.3183, 77.3383, 104.3024



68.7322, 77.3383, 57.9080

Square

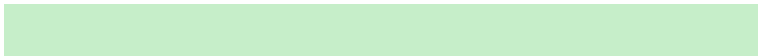
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3183, 77.3383, 104.3024



80.2247, 77.3383, 60.0455



64.4992, 77.3383, 66.8764



67.1766, 77.3383, 114.1134

Rectangle

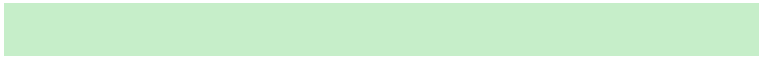
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3183, 77.3383, 104.3024



85.1107, 77.3383, 75.8749



64.4992, 77.3383, 66.8764



63.0104, 77.3383, 93.1305

Sweetspot

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



83.3206, 77.3417, 104.3041



91.8819, 93.6639, 107.8439



70.7676, 70.8703, 103.7168



19.5431, 19.8010, 23.0419



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.



83.3206, 77.3417, 104.3041



82.1150, 74.1300, 104.5881



80.4269, 76.1842, 89.0661



18.7928, 18.3004, 22.7918



30.9802, 14.8814, 50.6734



3.0164, 1.4489, 4.9339

Inverse Universe

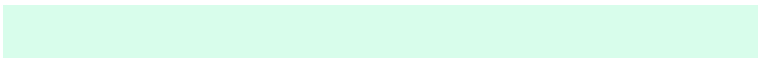
The Inverse Universe completely reimagines the original color for something new.



83.3206, 77.3417, 104.3041



82.1150, 74.1300, 104.5881



78.7589, 91.4828, 92.1070



18.7928, 18.3004, 22.7918



30.9802, 14.8814, 50.6734



3.0164, 1.4489, 4.9339

Previews

White Background



This preview shows how the XYZ color 83.3183, 77.3383, 104.3024 looks on a white background.

Color Contrast Check

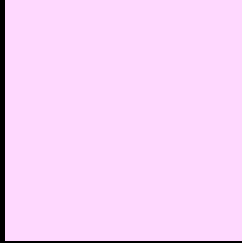
Large Text (above 18pt) WCAG AA × Fail

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 83.3183, 77.3383, 104.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

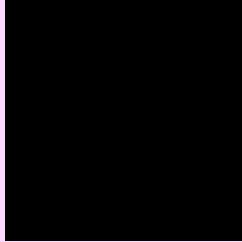
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3183, 77.3383, 104.3024

Background



This preview shows how black text looks on a background with the XYZ color 83.3183, 77.3383, 104.3024.

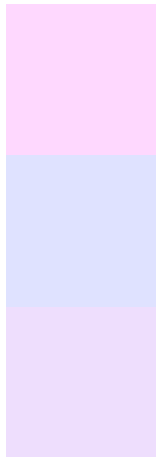


This preview shows how white text looks on a background with the XYZ color 83.3183, 77.3383,

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

83.3183, 77.3383, 104.3024

Protanopia

75.6778, 77.3007, 105.5396

Deuteranopia

79.1108, 77.5115, 103.7201



Tritanopia

80.2555, 77.2284, 90.0335

Trichromacy



Original Color

83.3183, 77.3383, 104.3024

Protanomaly

78.1030, 76.9550, 105.3451

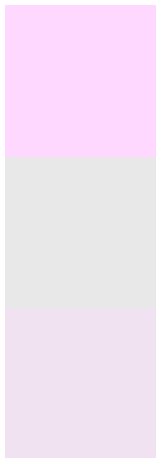
Deuteranomaly

80.6310, 77.5113, 103.6400

Tritanomaly

81.3939, 77.3093, 95.4263

Monochromacy



Original Color

83.3183, 77.3383, 104.3024

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.8597, 79.2092, 93.5706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3183, 77.3383, 104.3024 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(254, 216, 254) looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 254)  
}
```

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(254, 216, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 254) }
```

Border

The CSS property to change the border of an element to XYZ 83.3183, 77.3383, 104.3024 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(254, 216, 254) }
```


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

```
.border{ border-color:rgb(254, 216, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3183, 77.3383, 104.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 254) }
```

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

```
.background{ background-color: rgb(254,  
216, 254) }
```

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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