

Converting Colors

XYZ(91.2850, 79.5251,
148.6894)

Have a look what the booklet for
XYZ(91.2850, 79.5251, 148.6894)
contains.

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Color

**XYZ(82.9696, 76.3840,
104.9783)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FED6FF |
| RGB | 254, 214, 255 |
| RGB Percent | 100%, 84%, 100% |
| CMY | 0.0039, 0.1608, 0.0000 |
| CMYK | 0.00, 0.16, 0.00, 0.00 |
| HSL | 299°, 100%, 92% |
| HSV | 299°, 16%, 100% |
| XYZ | 82.9696, 76.3840, 104.9783 |
| YIQ | 230.6340, 10.6790, 21.2310 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 254, 214, 255 |
| Decimal | 16701183 |
| CIE _{Lab} | 90.04, 20.80, -14.76 |
| CIE _{LCh} | 90, 25.502, 324.643 |
| Yxy | 76.3840, 0.3139, 0.2890 |
| Android (android.graphics.Color) | 4294891263 (0xFF FED6FF) |
| YUV | 230.6340, 12.0124, 20.4920 |
| Hunter-Lab | 87.3979, 16.5092, -10.0378 |

Details

The XYZ color **82.9696, 76.3840, 104.9783** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.9239, 90.8231, 77.1512**, and the grayscale version is **75.5936, 79.5303, 86.6086**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6171, 40.7438, 58.8861** is the 20% darker color. If you saturate the color by 10%, you get **76.7882, 64.3571, 102.9827**, and if you desaturate by 10%, it is **90.1661, 90.4381, 107.3118**.

Distribution



- Red (100%)
- Green (84%)
- Blue (100%)



- Red (100%)
- Yellow (84%)
- Blue (100%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.9696, 76.3840, 104.9783 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 82.9696, 76.3840, 104.9783 by changing the saturation by 10% instead.

82.9696, 76.3840,
104.9783

82.9696, 76.3840,
104.9783

493.4707,
482.6612, 597.4208

62.4819, 56.7474,
79.8246

136.4616,
128.2696, 170.0932

45.6793, 40.8025,
59.0487

170.1967,
161.2874, 210.8914

32.1964, 28.1648,
42.2321

209.0782,
199.5344, 257.7417

21.6678, 18.4499,
28.9561

253.4716,
243.3950, 311.0624

13.7282, 11.2735,
18.8023

303.7422,
293.2535, 371.2721

8.0123, 6.2511,
11.3522

360.2553,

4.1547, 2.9984,

349.4945, 438.7894

6.1871

423.3763,
412.5023, 514.0328

■ 1.7900, 1.1309,
2.8886

■ 0.5117, 0.0041,
1.0380

■ 82.9696, 76.3840,
104.9783

■ 82.9696, 76.3840,
104.9783

■ 76.7882, 64.3571,
102.9827

■ 90.1661, 90.4381,
107.3118

■ 71.5687, 54.2540,
101.3077

95.0500, 100.0000,
108.9000

■ 67.2628, 45.9768,
99.9370

■ 63.8151, 39.4151,
98.8522

■ 61.1646, 34.4466,
98.0329

■ 59.2421, 30.9330,
97.4560

■ 57.9666, 28.7122,
97.0946

■ 57.2374, 27.5830,
96.9151

■ 57.0419, 27.3211,
96.8748

Harmonies

Analogous

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



77.7866, 76.3840, 118.9832



82.9696, 76.3840, 104.9783



85.3846, 76.3840, 86.4609

Triad

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



82.9696, 76.3840, 104.9783



73.7412, 76.3840, 53.1072



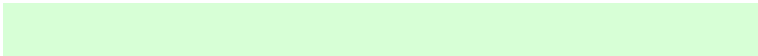
62.1058, 76.3840, 98.5414

Complementary

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



82.9696, 76.3840, 104.9783



75.9239, 90.8231, 77.1512

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.



61.1611, 76.3840, 79.9621



82.9696, 76.3840, 104.9783



67.6506, 76.3840, 55.3766

Square

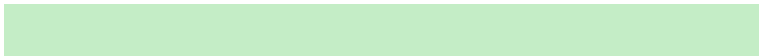
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9696, 76.3840, 104.9783



79.8624, 76.3840, 57.8913



63.1338, 76.3840, 64.6114



65.7931, 76.3840, 114.9053

Rectangle

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



82.9696, 76.3840, 104.9783



85.0045, 76.3840, 74.6776



63.1338, 76.3840, 64.6114



61.4663, 76.3840, 92.2813

Sweetspot

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



82.9717, 76.3872, 104.9789



91.0024, 92.0743, 107.5835



70.1786, 70.3077, 104.4797



19.3611, 19.4784, 22.9892



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.



82.9717, 76.3872, 104.9789



81.0612, 72.6648, 104.3611



80.4094, 75.4046, 89.5739



18.7464, 18.2765, 22.7896



29.8254, 14.2860, 50.6201



2.9173, 1.3979, 4.9293

Inverse Universe

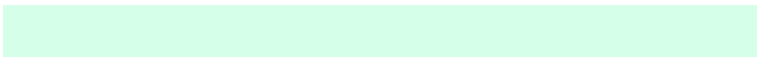
The Inverse Universe completely reimagines the original color for something new.



77.5543, 74.2626, 74.5394



74.7959, 70.2087, 69.1100



78.2208, 91.7080, 90.7718



18.0273, 17.9942, 18.7610



21.5743, 11.1190, 1.1428



2.1066, 1.0850, 0.1430

Previews

White Background



This preview shows how the XYZ color 82.9696, 76.3840, 104.9783 looks on a white background.

Color Contrast Check

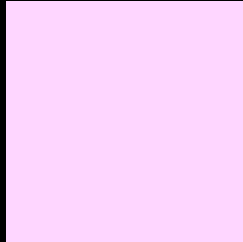
Large Text (above 18pt) WCAG AA × Fail

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 82.9696, 76.3840, 104.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

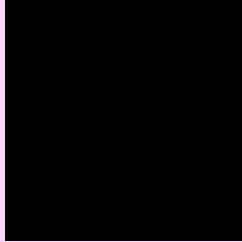
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.9696, 76.3840, 104.9783

Background



This preview shows how black text looks on a background with the XYZ color 82.9696, 76.3840, 104.9783.

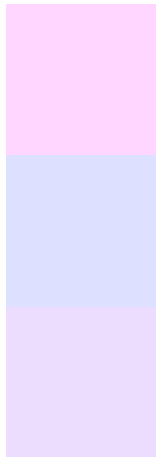


This preview shows how white text looks on a background with the XYZ color 82.9696, 76.3840,

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

82.9696, 76.3840, 104.9783

Protanopia

74.7940, 76.4426, 105.4206

Deuteranopia

78.3379, 76.7015, 104.4420



Tritanopia

79.8505, 76.6502, 89.1837

Trichromacy



Original Color

82.9696, 76.3840, 104.9783

Protanomaly

77.5107, 76.2565, 105.2415

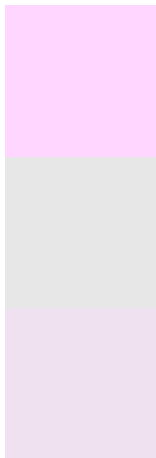
Deuteranomaly

79.9229, 76.3533, 104.2912

Tritanomaly

80.9848, 76.7320, 94.5468

Monochromacy



Original Color

82.9696, 76.3840, 104.9783

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

78.2500, 78.4924, 93.4644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.9696, 76.3840, 104.9783 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 214, 255)  
}
```

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, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.9696, 76.3840, 104.9783 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, 214, 255) }
```


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

```
.border{ border-color:rgb(254, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.9696, 76.3840, 104.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 214, 255) }
```

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

```
.background{ background-color: rgb(254,  
214, 255) }
```

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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