

Converting Colors

XYZ(82.1105, 76.8873,
105.1208)

Have a look what the booklet for
XYZ(82.1105, 76.8873, 105.1208)
contains.

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Color

**XYZ(82.2872, 77.1697,
105.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD9FF
RGB	250, 217, 255
RGB Percent	98%, 85%, 100%
CMY	0.0196, 0.1490, 0.0000
CMYK	0.02, 0.15, 0.00, 0.00
HSL	292°, 100%, 93%
HSV	292°, 15%, 100%
XYZ	82.2872, 77.1697, 105.1660
YIQ	231.1990, 7.4700, 18.8140

Conversions

Conversions Part 2

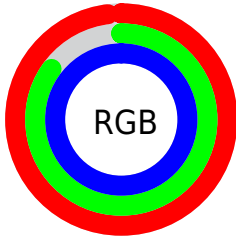
Format	Color
R _Y B	250, 217, 255
Decimal	16439807
CIE Lab	90.40, 17.92, -14.25
CIE LCh	90, 22.897, 321.513
Yxy	77.1697, 0.3110, 0.2916
Android (android.graphics.Color)	4294629887 (0xFFFFAD9FF)
YUV	231.1990, 11.7339, 16.4885
Hunter-Lab	87.8463, 13.4732, -9.4872

Details

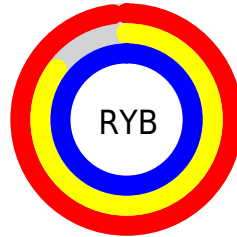
The XYZ color **82.2872, 77.1697, 105.1660** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.4105, 92.0603, 79.2862**, and the grayscale version is **76.0171, 79.9759, 87.0938**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1057, 41.2553, 59.0118** is the 20% darker color. If you saturate the color by 10%, you get **75.0247, 64.4126, 103.0864**, and if you desaturate by 10%, it is **90.5907, 91.9753, 107.5861**.

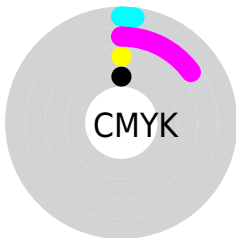
Distribution



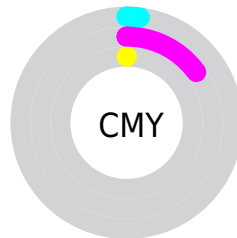
- Red (98%)
- Green (85%)
- Blue (100%)



- Red (98%)
- Yellow (85%)
- Blue (100%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.2872, 77.1697, 105.1660 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 82.2872, 77.1697, 105.1660 by changing the saturation by 10% instead.

82.2872, 77.1697,
105.1660

82.2872, 77.1697,
105.1660

491.2278,
485.3424, 598.0190

61.9172, 57.3922,
79.9810

135.5104,
129.3790, 170.3521

45.2212, 41.3202,
59.1766

169.0943,
162.5796, 211.1902

31.8337, 28.5694,
42.3344

207.8136,
201.0232, 258.0832

21.3894, 18.7553,
29.0357

252.0336,
245.0945, 311.4495

13.5230, 11.4936,
18.8620

302.1197,
295.1776, 371.7077

7.8692, 6.3999,
11.3948

358.4371,

4.0624, 3.0897,

351.6570, 439.2763

6.2155

421.3514,
414.9172, 514.5739

■ 1.7375, 1.1787,
2.9057

■ 0.4796, 0.0442,
1.0467

■ 82.2872, 77.1697,
105.1660

■ 82.2872, 77.1697,
105.1660

■ 75.0247, 64.4126,
103.0864

■ 90.5907, 91.9753,
107.5861

■ 68.7505, 53.6013,
101.3303

95.0500, 100.0000,
108.9000

■ 63.4163, 44.6387,
99.8815

■ 58.9675, 37.4157,
98.7218

■ 55.3437, 31.8114,
97.8310

■ 52.4765, 27.6896,
97.1866

■ 50.2867, 24.8917,
96.7619

■ 48.6763, 23.2222,
96.5245

■ 48.0073, 22.6636,
96.4520

Harmonies

Analogous

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



77.4503, 77.1697, 116.8267



82.2872, 77.1697, 105.1660



84.7586, 77.1697, 88.7545

Triad

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



82.2872, 77.1697, 105.1660



74.9809, 77.1697, 56.5896



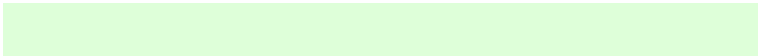
63.5941, 77.1697, 96.0986

Complementary

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



82.2872, 77.1697, 105.1660



78.4105, 92.0603, 79.2862

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.



63.0095, 77.1697, 79.4660



82.2872, 77.1697, 105.1660



69.3921, 77.1697, 58.0208

Square

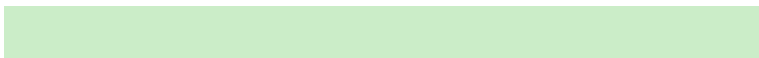
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



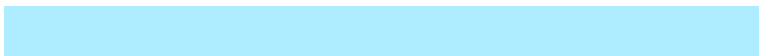
82.2872, 77.1697, 105.1660



80.3992, 77.1697, 61.7248



65.0799, 77.1697, 65.9254



66.7206, 77.1697, 111.1369

Rectangle

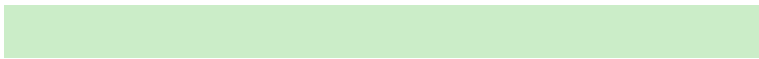
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.2872, 77.1697, 105.1660



84.6477, 77.1697, 77.9003



65.0799, 77.1697, 65.9254



63.1005, 77.1697, 90.4620

Sweetspot

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



82.2893, 77.1729, 105.1665



91.3900, 93.4103, 107.8210



72.8072, 74.2532, 105.1027



19.4181, 19.7366, 23.0361



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.



82.2893, 77.1729, 105.1665



79.9283, 73.0027, 104.4860



81.9418, 77.2436, 93.8636



18.5438, 18.1721, 22.7801



25.1764, 11.8894, 50.4025



2.5139, 1.1899, 4.9104

Inverse Universe

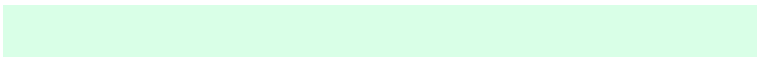
The Inverse Universe completely reimagines the original color for something new.



79.2396, 76.1628, 79.6345



76.3485, 71.8234, 74.2225



78.7918, 92.0385, 89.1670



18.1066, 18.0260, 19.1786



21.7260, 11.1797, 1.9415



2.1441, 1.1000, 0.3401

Previews

White Background



This preview shows how the XYZ color 82.2872, 77.1697, 105.1660 looks on a white background.

Color Contrast Check

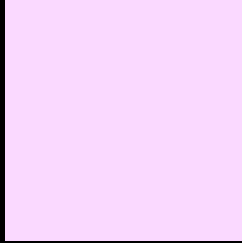
Large Text (above 18pt) WCAG AA × Fail

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 82.2872, 77.1697, 105.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

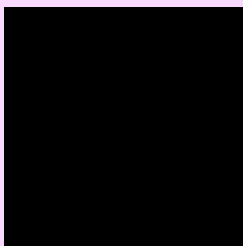
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.2872, 77.1697, 105.1660

Background



This preview shows how black text looks on a background with the XYZ color 82.2872, 77.1697, 105.1660.



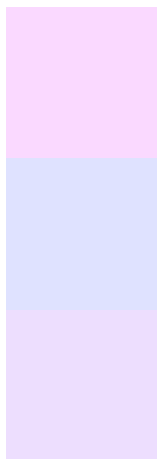
This preview shows how white text looks on a background with the XYZ color 82.2872, 77.1697,

105.1660.

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

82.2872, 77.1697, 105.1660

Protanopia

75.6778, 77.3007, 105.5396

Deuteranopia

78.9357, 77.4028, 104.5458



Tritanopia

79.2370, 77.0750, 90.8215

Trichromacy



Original Color

82.2872, 77.1697, 105.1660

Protanomaly

78.0419, 77.3190, 105.4185

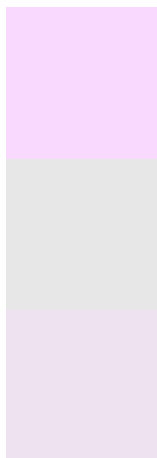
Deuteranomaly

80.1005, 77.2194, 104.4490

Tritanomaly

80.3721, 77.1511, 96.2435

Monochromacy



Original Color

82.2872, 77.1697, 105.1660

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

78.1844, 78.8611, 93.5390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.2872, 77.1697, 105.1660 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(250, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 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(250, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.2872, 77.1697, 105.1660 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(250, 217, 255) }
```


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

```
.border{ border-color:rgb(250, 217, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 217, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.2872, 77.1697, 105.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 255) }
```

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

```
.background{ background-color: rgb(250,  
217, 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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