

Converting Colors

XYZ(85.4728, 78.6556,
118.1783)

Have a look what the booklet for
XYZ(85.4728, 78.6556, 118.1783)
contains.

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Color

**XYZ(83.0077, 77.5412,
105.1997)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD9FF
RGB	252, 217, 255
RGB Percent	99%, 85%, 100%
CMY	0.0118, 0.1490, 0.0000
CMYK	0.01, 0.15, 0.00, 0.00
HSL	295°, 100%, 93%
HSV	295°, 15%, 100%
XYZ	83.0077, 77.5412, 105.1997
YIQ	231.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

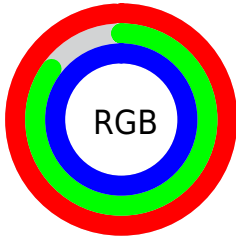
Format	Color
R _Y B	252, 217, 255
Decimal	16570879
CIE Lab	90.57, 18.57, -13.98
CIE LCh	91, 23.246, 323.039
Yxy	77.5412, 0.3124, 0.2918
Android (android.graphics.Color)	4294760959 (0xFFFCD9FF)
YUV	231.7970, 11.4391, 17.7180
Hunter-Lab	88.0575, 14.1631, -9.1918

Details

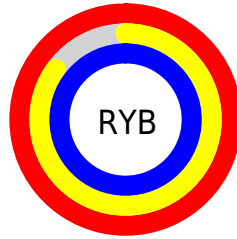
The XYZ color **83.0077, 77.5412, 105.1997** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.8017, 91.7464, 79.2579**, and the grayscale version is **76.4645, 80.4466, 87.6064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6190, 41.5200, 59.0359** is the 20% darker color. If you saturate the color by 10%, you get **76.2117, 65.0246, 103.1420**, and if you desaturate by 10%, it is **90.8311, 92.0993, 107.5974**.

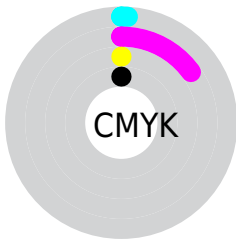
Distribution



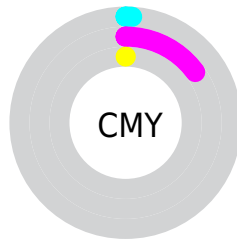
- Red (99%)
- Green (85%)
- Blue (100%)



- Red (99%)
- Yellow (85%)
- Blue (100%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.0077, 77.5412, 105.1997 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 83.0077, 77.5412, 105.1997 by changing the saturation by 10% instead.


 83.0077, 77.5412,
105.1997

 83.0077, 77.5412,
105.1997


493.5957,
486.6073, 598.1263

 62.5134, 57.6972,
80.0091


136.5147,
129.9032, 170.3986

 45.7049, 41.5652,
59.1996


170.2582,
163.1899, 211.2439

 32.2166, 28.7610,
42.3528


209.1487,
201.7263, 258.1445

 21.6834, 18.9001,
29.0500

253.5518,
245.8967, 311.5190

 13.7397, 11.5981,
18.8727

303.8327,
296.0857, 371.7859

 8.0203, 6.4707,
11.4025

360.3567,

 4.1599, 3.1333,

352.6775, 439.3637

6.2207

423.4893,
416.0566, 514.6710

■ 1.7930, 1.2017,
2.9088

■ 0.5134, 0.0631,
1.0482

■ 83.0077, 77.5412,
105.1997

■ 83.0077, 77.5412,
105.1997

■ 76.2117, 65.0246,
103.1420

■ 90.8311, 92.0993,
107.5974

■ 70.3904, 54.4468,
101.4070

95.0500, 100.0000,
108.9000

■ 65.4956, 45.7107,
99.9788

■ 61.4729, 38.7073,
98.8390

■ 58.2617, 33.3157,
97.9676

■ 55.7940, 29.3999,
97.3418

■ 53.9905, 26.8011,
96.9353

■ 52.7535, 25.3241,
96.7154

■ 52.2698, 24.8610,
96.6515

Harmonies

Analogous

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



78.1669, 77.5412, 117.4847



83.0077, 77.5412, 105.1997



85.3746, 77.5412, 88.3726

Triad

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



83.0077, 77.5412, 105.1997



75.0649, 77.5412, 56.4478



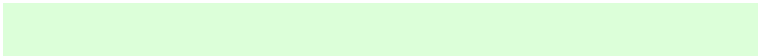
63.8759, 77.5412, 97.6016

Complementary

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



83.0077, 77.5412, 105.1997



77.8017, 91.7464, 79.2579

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.



63.1424, 77.5412, 80.6049



83.0077, 77.5412, 105.1997



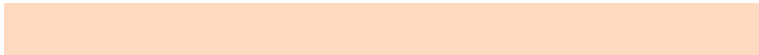
69.4077, 77.5412, 58.2402

Square

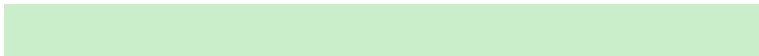
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



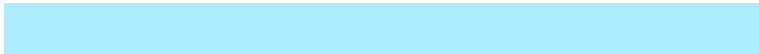
83.0077, 77.5412, 105.1997



80.6351, 77.5412, 61.3250



65.1165, 77.5412, 66.5901



67.1755, 77.5412, 112.7105

Rectangle

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



83.0077, 77.5412, 105.1997



85.1475, 77.5412, 77.4036



65.1165, 77.5412, 66.5901



63.3285, 77.5412, 91.8675

Sweetspot

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



83.0098, 77.5445, 105.2002



91.5864, 93.5115, 107.8301



72.3054, 73.2494, 104.9354



19.4679, 19.7623, 23.0384



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.



83.0098, 77.5445, 105.2002



80.7948, 73.4494, 104.5266



81.6594, 77.1307, 92.3762



18.6429, 18.2232, 22.7848



27.3714, 13.0210, 50.5052



2.7053, 1.2886, 4.9194

Inverse Universe

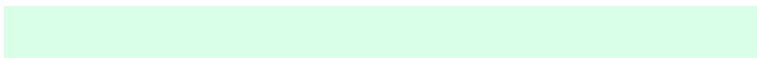
The Inverse Universe completely reimagines the original color for something new.



78.9732, 76.0563, 78.2312



76.0400, 71.7000, 72.5980



79.0617, 92.1465, 90.5876



18.0675, 18.0103, 18.9728



21.6357, 11.1436, 1.4660



2.1257, 1.0927, 0.2433

Previews

White Background



This preview shows how the XYZ color 83.0077, 77.5412, 105.1997 looks on a white background.

Color Contrast Check

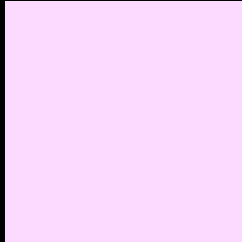
Large Text (above 18pt) WCAG AA × Fail

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 83.0077, 77.5412, 105.1997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

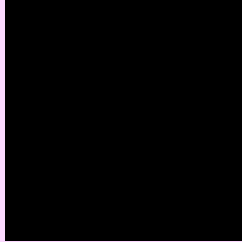
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.0077, 77.5412, 105.1997

Background



This preview shows how black text looks on a background with the XYZ color 83.0077, 77.5412, 105.1997.

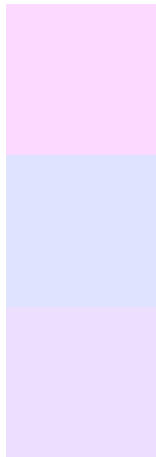


This preview shows how white text looks on a background with the XYZ color 83.0077, 77.5412,

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

83.0077, 77.5412, 105.1997

Protanopia

75.9505, 77.8461, 105.6305

Deuteranopia

79.2706, 77.5755, 104.5615



Tritanopia

79.9462, 77.4406, 90.8547

Trichromacy



Original Color

83.0077, 77.5412, 105.1997

Protanomaly

78.3694, 77.4878, 105.4339

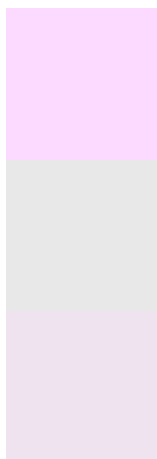
Deuteranomaly

80.4447, 77.3968, 104.4651

Tritanomaly

81.0850, 77.5187, 96.2769

Monochromacy



Original Color

83.0077, 77.5412, 105.1997

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.7939, 79.5802, 93.6457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0077, 77.5412, 105.1997 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(252, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.0077, 77.5412, 105.1997 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(252, 217, 255) }
```


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

```
.border{ border-color:rgb(252, 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(252, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0077, 77.5412, 105.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 217, 255) }
```

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

```
.background{ background-color: rgb(252,  
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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