

Converting Colors

XYZ(85.4617, 82.4845,
106.0245)

Have a look what the booklet for
XYZ(85.4617, 82.4845, 106.0245)
contains.

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Color

**XYZ(85.3912, 82.3082,
105.9942)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FCE2FF |
| RGB | 252, 226, 255 |
| RGB Percent | 99%, 89%, 100% |
| CMY | 0.0118, 0.1137, 0.0000 |
| CMYK | 0.01, 0.11, 0.00, 0.00 |
| HSL | 294°, 100%, 94% |
| HSV | 294°, 11%, 100% |
| XYZ | 85.3912, 82.3082, 105.9942 |
| YIQ | 237.0800, 6.1870, 14.5310 |

Conversions

Conversions Part 2

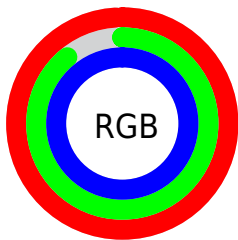
| Format | Color |
|-------------------------------------|---|
| R_{YB} | 252, 226, 255 |
| Decimal | 16573183 |
| CIE _{Lab} | 92.71, 13.88, -10.78 |
| CIE _{LCh} | 93, 17.576, 322.156 |
| Yxy | 82.3082, 0.3120, 0.3007 |
| Android (android.graphics.Color) | 4294763263 (0xFFFC _{E2FF}) |
| YUV | 237.0800, 8.8346, 13.0848 |
| Hunter-Lab | 90.7239, 9.2412, -5.7628 |

Details

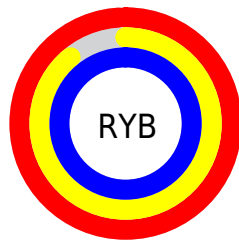
The XYZ color **85.3912, 82.3082, 105.9942** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.8028, 93.6701, 85.7244**, and the grayscale version is **80.4906, 84.6824, 92.2192**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2616, 44.8051, 59.5834** is the 20% darker color. If you saturate the color by 10%, you get **78.0186, 68.9700, 103.8083**, and if you desaturate by 10%, it is **93.8126, 97.7224, 108.5256**.

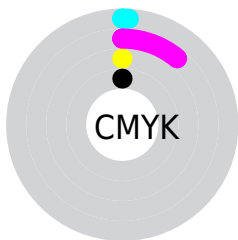
Distribution



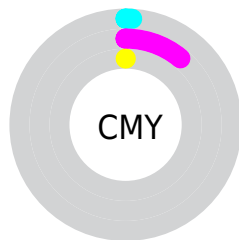
- Red (99%)
- Green (89%)
- Blue (100%)



- Red (99%)
- Yellow (89%)
- Blue (100%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.3912, 82.3082, 105.9942 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 85.3912, 82.3082, 105.9942 by changing the saturation by 10% instead.


 85.3912, 82.3082,
105.9942

 85.3912, 82.3082,
105.9942


501.3858,
502.6780, 600.6545

 64.4882, 61.6196,
80.6712

139.8308,
136.6061, 171.4939

 47.3094, 44.7254,
59.7414


174.0982,
170.9842, 212.5078

 33.4893, 31.2412,
42.7863

213.5511,
210.6943, 259.5890

 22.6626, 20.7826,
29.3873

258.5549,
256.1208, 313.1561

 14.4639, 12.9652,
19.1259

309.4749,
307.6480, 373.6277

 8.5278, 7.4046,
11.5836

366.6765,

 4.4891, 3.7164,

365.6603, 441.4222

6.3417

430.5250,
430.5422, 516.9583

■ 1.9824, 1.5162,
2.9818

■ 0.6241, 0.3001,
1.0854

■ 85.3912, 82.3082,
105.9942

■ 85.3912, 82.3082,
105.9942

■ 78.0186, 68.9700,
103.8083

■ 93.8126, 97.7224,
108.5256

■ 71.6428, 57.6068,
101.9510

■ 95.0500, 100.0000,
108.9000

■ 66.2172, 48.1245,
100.4067

■ 61.6888, 40.4174,
99.1577

■ 57.9996, 34.3690,
98.1847

■ 55.0843, 29.8493,
97.4660

■ 52.8682, 26.7086,
96.9766

■ 51.2611, 24.7671,
96.6865

■ 50.2447, 23.8170,
96.5567

Harmonies

Analogous

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



81.5987, 82.3082, 115.0563



85.3912, 82.3082, 105.9942



87.2804, 82.3082, 93.1045

Triad

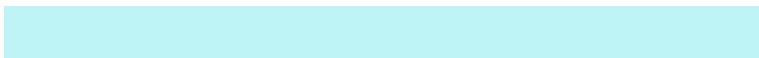
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3912, 82.3082, 105.9942



79.4390, 82.3082, 66.8921



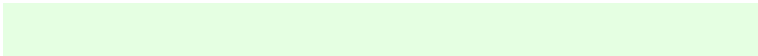
70.3583, 82.3082, 99.4681

Complementary

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



85.3912, 82.3082, 105.9942



81.8028, 93.6701, 85.7244

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.



69.8307, 82.3082, 86.2228



85.3912, 82.3082, 105.9942



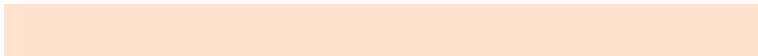
74.9582, 82.3082, 68.2388

Square

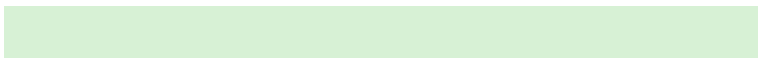
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3912, 82.3082, 105.9942



83.7576, 82.3082, 71.1482



71.4836, 82.3082, 75.0248



72.9540, 82.3082, 111.0397

Rectangle

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



85.3912, 82.3082, 105.9942



87.1567, 82.3082, 84.4147



71.4836, 82.3082, 75.0248



69.9374, 82.3082, 95.0342

Sweetspot

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



85.3934, 82.3117, 105.9948



92.3674, 95.0661, 108.0890



77.5428, 79.6436, 105.8935



19.6205, 20.0728, 23.0903



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.



85.3934, 82.3117, 105.9948



83.3546, 78.6062, 105.3870



84.7497, 82.1806, 96.8926



18.5967, 18.1993, 22.7826



26.3290, 12.4836, 50.4565



2.6146, 1.2418, 4.9152

Inverse Universe

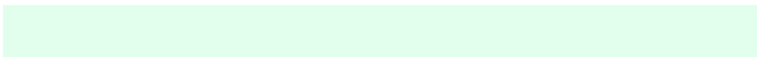
The Inverse Universe completely reimagines the original color for something new.



82.5814, 81.3133, 85.4745



79.9681, 77.4070, 80.5327



82.4295, 93.8112, 93.9758



18.0857, 18.0176, 19.0684



21.6731, 11.1585, 1.6630



2.1342, 1.0961, 0.2884

Previews

White Background



This preview shows how the XYZ color 85.3912, 82.3082, 105.9942 looks on a white background.

Color Contrast Check

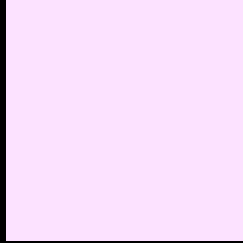
Large Text (above 18pt) WCAG AA × Fail

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 85.3912, 82.3082, 105.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

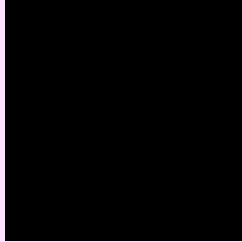
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.3912, 82.3082, 105.9942

Background



This preview shows how black text looks on a background with the XYZ color 85.3912, 82.3082, 105.9942.



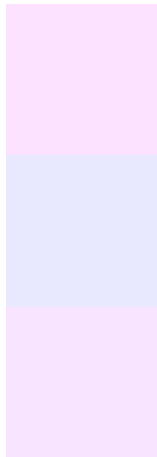
This preview shows how white text looks on a background with the XYZ color 85.3912, 82.3082,

105.9942.

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

85.3912, 82.3082, 105.9942

Protanopia

80.4676, 82.6536, 106.3204

Deuteranopia

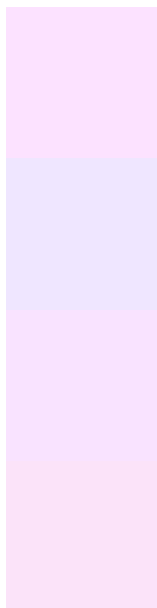
84.5048, 82.6633, 106.1095



Tritanopia

84.0085, 82.5886, 97.8997

Trichromacy



Original Color

85.3912, 82.3082, 105.9942

Protanomaly

81.9434, 82.1644, 106.1482

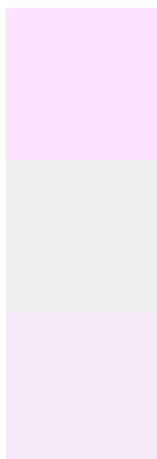
Deuteranomaly

84.5860, 82.2979, 106.0347

Tritanomaly

84.3516, 82.2870, 101.0597

Monochromacy



Original Color

85.3912, 82.3082, 105.9942

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

82.0860, 83.6867, 97.4147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3912, 82.3082, 105.9942 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 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, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 85.3912, 82.3082, 105.9942 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, 226, 255) }
```


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

```
.border{ border-color:rgb(252, 226, 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, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3912, 82.3082, 105.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 255) }
```

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

```
.background{ background-color: rgb(252,  
226, 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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