

Converting Colors

XYZ(85.8074, 82.5623,
102.5900)

Have a look what the booklet for
XYZ(85.8074, 82.5623, 102.5900)
contains.

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Color

**XYZ(85.8489, 82.6177,
102.6889)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2FB
RGB	255, 226, 251
RGB Percent	100%, 89%, 98%
CMY	0.0000, 0.1137, 0.0157
CMYK	0.00, 0.11, 0.02, 0.00
HSL	308°, 100%, 94%
HSV	308°, 11%, 100%
XYZ	85.8489, 82.6177, 102.6889
YIQ	237.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

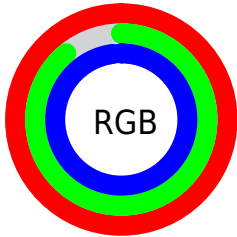
Format	Color
RYB	255, 226, 251
Decimal	16769787
CIELab	92.85, 14.15, -8.47
CIELCh	93, 16.492, 329.113
Yxy	82.6177, 0.3166, 0.3047
Android (android.graphics.Color)	4294959867 (0xFFFFE2FB)
YUV	237.5210, 6.6451, 15.3291
Hunter-Lab	90.8943, 9.5268, -3.3576

Details

The XYZ color **85.8489, 82.6177, 102.6889** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.4094, 93.4031, 88.6040**, and the grayscale version is **80.8448, 85.0551, 92.6250**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5892, 45.0266, 57.2217** is the 20% darker color. If you saturate the color by 10%, you get **78.8751, 69.5486, 97.6556**, and if you desaturate by 10%, it is **93.8679, 97.7598, 108.1237**.

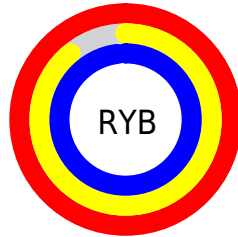
Distribution



Red (100%)

Green (89%)

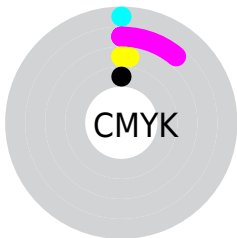
Blue (98%)



Red (100%)

Yellow (89%)

Blue (98%)

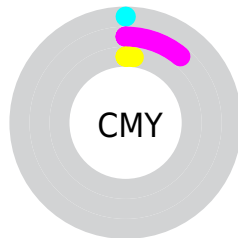


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8489, 82.6177, 102.6889 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 85.8489, 82.6177, 102.6889 by changing the saturation by 10% instead.

85.8489, 82.6177,
102.6889

85.8489, 82.6177,
102.6889

502.8743,
503.7115, 590.0997

64.8679, 61.8748,
77.9187

140.4665,
137.0399, 166.9315

47.6183, 44.9316,
57.4911

174.8338,
171.4880, 207.2409

33.7347, 31.4035,
40.9877

214.3940,
211.2733, 253.5672

22.8518, 20.9063,
27.9898

259.5123,
256.7802, 306.3288

14.6042, 13.0555,
18.0790

310.5541,
308.3930, 365.9443

8.6266, 7.4668,
10.8367

367.8848,

4.5536, 3.7557,

366.4963, 432.8323

5.8444

431.8698,
431.4743, 507.4112

■ 2.0198, 1.5379,
2.6834

■ 0.6451, 0.3152,
0.9351

■ 85.8489, 82.6177,
102.6889

■ 85.8489, 82.6177,
102.6889

■ 78.8751, 69.5486,
97.6556

■ 93.8679, 97.7598,
108.1237

■ 72.8954, 58.4519,
93.0030

■ 95.0500, 100.0000,
108.9000

■ 67.8630, 49.2334,
88.7165

■ 63.7249, 41.7874,
84.7781

■ 60.4230, 35.9975,
81.1681

■ 57.8921, 31.7335,
77.8645

■ 56.0572, 28.8459,
74.8422

■ 54.8286, 27.1547,
72.0707

■ 54.1363, 26.4185,
69.8408

Harmonies

Analogous

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



82.6240, 82.6177, 112.3084



85.8489, 82.6177, 102.6889



87.1002, 82.6177, 90.3242

Triad

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



85.8489, 82.6177, 102.6889



78.6539, 82.6177, 68.2657



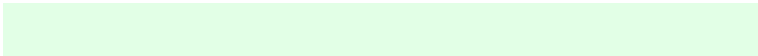
71.5107, 82.6177, 101.9959

Complementary

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



85.8489, 82.6177, 102.6889



81.4094, 93.4031, 88.6040

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.



70.5331, 82.6177, 89.5900



85.8489, 82.6177, 102.6889



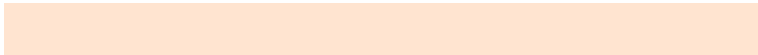
74.5651, 82.6177, 70.7866

Square

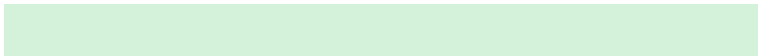
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



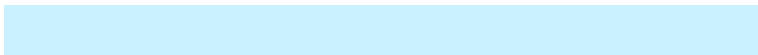
85.8489, 82.6177, 102.6889



82.8539, 82.6177, 71.1000



71.6312, 82.6177, 78.3229



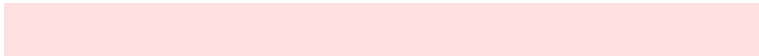
74.3508, 82.6177, 111.8833

Rectangle

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



85.8489, 82.6177, 102.6889



86.6130, 82.6177, 82.4124



71.6312, 82.6177, 78.3229



70.9580, 82.6177, 97.9478

Sweetspot

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



85.8508, 82.6210, 102.6907



92.4885, 95.1480, 107.2105



77.8399, 78.4176, 105.6413



19.6533, 20.0950, 22.8522



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.



85.8508, 82.6210, 102.6907



83.9172, 78.9867, 101.3286



83.6710, 81.7491, 91.2122



18.6786, 18.2547, 22.1904



28.3290, 13.8209, 36.7124



2.7867, 1.3571, 3.7243

Inverse Universe

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



85.8508, 82.6210, 102.6907



83.9172, 78.9867, 101.3286



83.5111, 94.2438, 99.6712



18.6786, 18.2547, 22.1904



28.3290, 13.8209, 36.7124



2.7867, 1.3571, 3.7243

Previews

White Background



This preview shows how the XYZ color 85.8489, 82.6177, 102.6889 looks on a white background.

Color Contrast Check

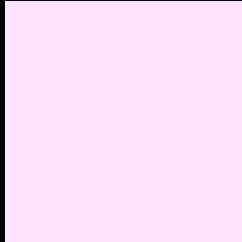
Large Text (above 18pt) WCAG AA × Fail

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 85.8489, 82.6177, 102.6889 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 85.8489, 82.6177, 102.6889

Background



This preview shows how black text looks on a background with the XYZ color 85.8489, 82.6177, 102.6889.



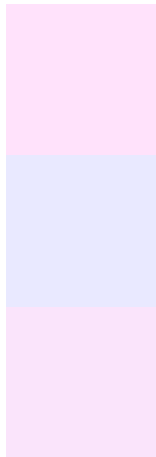
This preview shows how white text looks on a background with the XYZ color 85.8489, 82.6177,

102.6889.

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

85.8489, 82.6177, 102.6889

Protanopia

80.7932, 82.8215, 106.3356

Deuteranopia

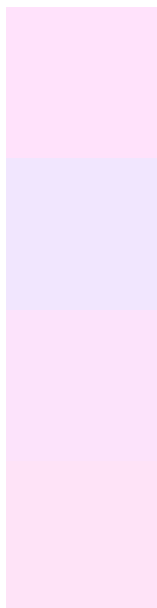
84.5803, 82.7758, 102.7863



Tritanopia

84.8236, 82.6016, 97.8592

Trichromacy



Original Color

85.8489, 82.6177, 102.6889

Protanomaly

82.4618, 82.4502, 105.3342

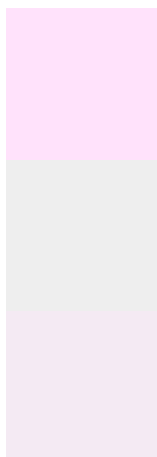
Deuteranomaly

85.0266, 82.5987, 102.7285

Tritanomaly

85.1306, 82.7244, 99.4762

Monochromacy



Original Color

85.8489, 82.6177, 102.6889

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.9087, 84.5498, 96.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8489, 82.6177, 102.6889 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(255, 226, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 251)  
}
```

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(255, 226, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 251) }
```

Border

The CSS property to change the border of an element to XYZ 85.8489, 82.6177, 102.6889 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(255, 226, 251) }
```


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

```
.border{ border-color:rgb(255, 226, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8489, 82.6177, 102.6889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 251) }
```

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

```
.background{ background-color: rgb(255,  
226, 251) }
```

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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