

Converting Colors

XYZ(94.6761, 87.3987,
103.9323)

Have a look what the booklet for
XYZ(94.6761, 87.3987, 103.9323)
contains.

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Color

**XYZ(86.2798, 83.2264,
103.6123)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3FC
RGB	255, 227, 252
RGB Percent	100%, 89%, 99%
CMY	0.0000, 0.1098, 0.0118
CMYK	0.00, 0.11, 0.01, 0.00
HSL	306°, 100%, 95%
HSV	306°, 11%, 100%
XYZ	86.2798, 83.2264, 103.6123
YIQ	238.2220, 8.6630, 13.7110

Conversions

Conversions Part 2

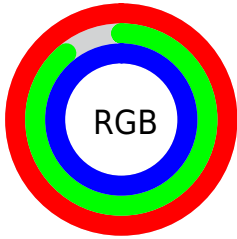
Format	Color
R_{YB}	255, 227, 252
Decimal	16770044
CIE _{Lab}	93.11, 13.81, -8.59
CIE _{LCh}	93, 16.266, 328.112
Y _{xy}	83.2264, 0.3159, 0.3047
Android (android.graphics.Color)	4294960124 (0xFFFFE3FC)
YUV	238.2220, 6.7926, 14.7143
Hunter-Lab	91.2285, 9.1674, -3.4784

Details

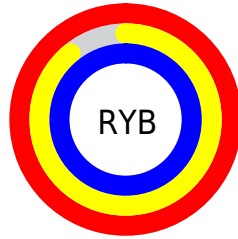
The XYZ color **86.2798, 83.2264, 103.6123** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.7239, 93.5652, 88.6186**, and the grayscale version is **81.3859, 85.6243, 93.2449**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8916, 45.4509, 57.8785** is the 20% darker color. If you saturate the color by 10%, you get **79.3858, 70.1259, 99.1951**, and if you desaturate by 10%, it is **94.2164, 98.4017, 108.4101**.

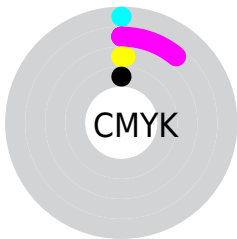
Distribution



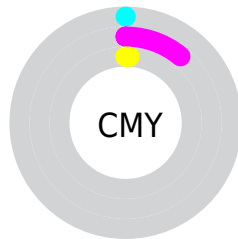
- Red (100%)
- Green (89%)
- Blue (99%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2798, 83.2264, 103.6123 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 86.2798, 83.2264, 103.6123 by changing the saturation by 10% instead.


 86.2798, 83.2264,
103.6123

 86.2798, 83.2264,
103.6123


504.2735,
505.7407, 593.0583

 65.2254, 62.3769,
78.6871


141.0647,
137.8925, 168.2075

 47.9093, 45.3373,
58.1188


175.5259,
172.4779, 208.7146

 33.9660, 31.7232,
41.4888


215.1868,
212.4108, 255.2528

 23.0302, 21.1502,
28.3787

260.4127,
258.0755, 308.2406

 14.7367, 13.2338,
18.3698

311.5689,
309.8565, 368.0965

 8.7199, 7.5898,
11.0436

369.0209,

 4.6146, 3.8336,

368.1381, 435.2390

5.9816

433.1340,
433.3047, 510.0868

■ 2.0554, 1.5809,
2.7653

■ 0.6648, 0.3447,
0.9761

■ 86.2798, 83.2264,
103.6123

■ 86.2798, 83.2264,
103.6123

■ 79.3858, 70.1259,
99.1951

94.2164, 98.4017,
108.4101

■ 73.4838, 58.9999,
95.1380

95.0500, 100.0000,
108.9000

■ 68.5271, 49.7544,
91.4264

■ 64.4629, 42.2841,
88.0426

■ 61.2332, 36.4731,
84.9672

■ 58.7733, 32.1920,
82.1785

■ 57.0088, 29.2919,
79.6515

■ 55.8506, 27.5946,
77.3563

■ 55.2001, 26.8440,
75.4426

Harmonies

Analogous

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



83.0350, 83.2264, 112.9736



86.2798, 83.2264, 103.6123



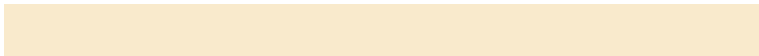
87.5942, 83.2264, 91.3959

Triad

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



86.2798, 83.2264, 103.6123



79.3749, 83.2264, 69.0980



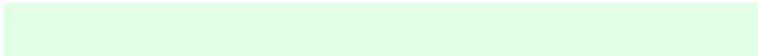
72.0835, 83.2264, 102.1528

Complementary

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



86.2798, 83.2264, 103.6123



81.7239, 93.5652, 88.6186

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.



71.1813, 83.2264, 89.8473



86.2798, 83.2264, 103.6123



75.2994, 83.2264, 71.4275

Square

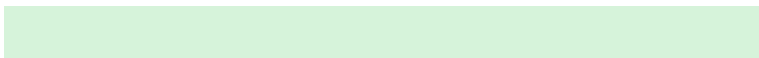
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



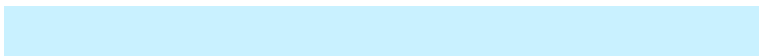
86.2798, 83.2264, 103.6123



83.5196, 83.2264, 72.0903



72.3379, 83.2264, 78.7608



74.8472, 83.2264, 112.0791

Rectangle

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



86.2798, 83.2264, 103.6123



87.1643, 83.2264, 83.5065



72.3379, 83.2264, 78.7608



71.5569, 83.2264, 98.1252

Sweetspot

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



86.2816, 83.2297, 103.6141



92.5262, 95.1631, 107.4093



78.0913, 78.9521, 105.7312



19.6636, 20.0991, 22.9060



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.



86.2816, 83.2297, 103.6141



84.8050, 80.4163, 102.6907



84.1732, 82.3863, 92.5115



18.7039, 18.2649, 22.3238



28.8771, 14.0401, 39.5986



2.8347, 1.3763, 3.9769

Inverse Universe

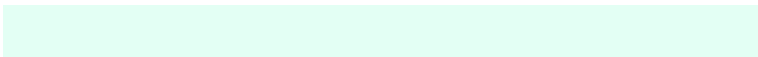
The Inverse Universe completely reimagines the original color for something new.



86.2816, 83.2297, 103.6141



84.8050, 80.4163, 102.6907



83.7395, 94.3715, 99.2326



18.7039, 18.2649, 22.3238



28.8771, 14.0401, 39.5986



2.8347, 1.3763, 3.9769

Previews

White Background



This preview shows how the XYZ color 86.2798, 83.2264, 103.6123 looks on a white background.

Color Contrast Check

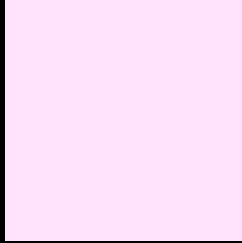
Large Text (above 18pt) WCAG AA × Fail

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 86.2798, 83.2264, 103.6123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

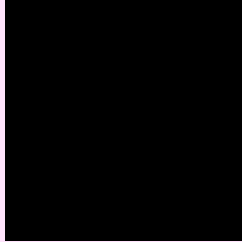
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2798, 83.2264, 103.6123

Background



This preview shows how black text looks on a background with the XYZ color 86.2798, 83.2264, 103.6123.



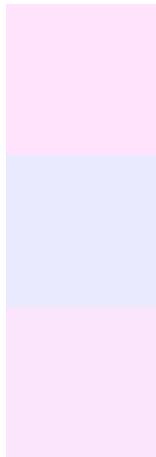
This preview shows how white text looks on a background with the XYZ color 86.2798, 83.2264,

103.6123.

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

86.2798, 83.2264, 103.6123

Protanopia

81.4045, 83.5581, 106.4456

Deuteranopia

85.3737, 83.5761, 103.7276



Tritanopia

85.2510, 83.2115, 98.7570

Trichromacy



Original Color

86.2798, 83.2264, 103.6123

Protanomaly

83.0833, 83.1848, 105.4433

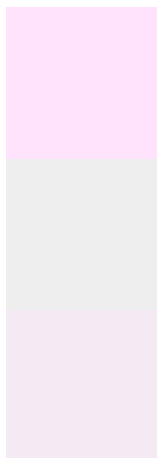
Deuteranomaly

85.4590, 83.2105, 103.6525

Tritanomaly

85.5597, 83.3349, 100.3827

Monochromacy



Original Color

86.2798, 83.2264, 103.6123

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 86.2798, 83.2264, 103.6123 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, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 252)  
}
```

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, 227, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 252) }
```

Border

The CSS property to change the border of an element to XYZ 86.2798, 83.2264, 103.6123 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, 227, 252) }
```


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

```
.border{ border-color:rgb(255, 227, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2798, 83.2264, 103.6123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 252) }
```

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

```
.background{ background-color: rgb(255,  
227, 252) }
```

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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