

Converting Colors

XYZ(85.1376, 82.6427,
103.3859)

Have a look what the booklet for
XYZ(85.1376, 82.6427, 103.3859)
contains.

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Color

**XYZ(85.1847, 82.6619,
103.5611)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE3FC
RGB	252, 227, 252
RGB Percent	99%, 89%, 99%
CMY	0.0118, 0.1098, 0.0118
CMYK	0.00, 0.10, 0.00, 0.01
HSL	300°, 81%, 94%
HSV	300°, 10%, 99%
XYZ	85.1847, 82.6619, 103.5611
YIQ	237.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

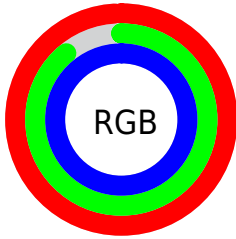
Format	Color
R_{YB}	252, 227, 252
Decimal	16573436
CIE _{Lab}	92.87, 12.82, -8.99
CIE _{LCh}	93, 15.656, 324.971
Yxy	82.6619, 0.3139, 0.3046
Android (android.graphics.Color)	4294763516 (0xFFFC3FC)
YUV	237.3250, 7.2348, 12.8700
Hunter-Lab	90.9186, 8.1352, -3.8914

Details

The XYZ color **85.1847, 82.6619, 103.5611** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.3573, 91.5001, 86.1034**, and the grayscale version is **80.6910, 84.8932, 92.4487**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1085, 45.0473, 57.8419** is the 20% darker color. If you saturate the color by 10%, you get **78.7913, 69.8740, 101.4307**, and if you desaturate by 10%, it is **92.5916, 97.4744, 106.0313**.

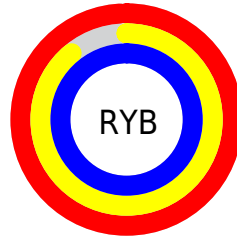
Distribution



Red (99%)

Green (89%)

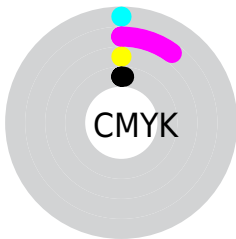
Blue (99%)



Red (99%)

Yellow (89%)

Blue (99%)

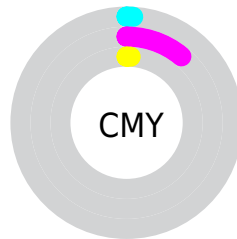


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.1847, 82.6619, 103.5611 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 85.1847, 82.6619, 103.5611 by changing the saturation by 10% instead.


 85.1847, 82.6619,
103.5611

 85.1847, 82.6619,
103.5611

500.7135,
503.8590, 592.8945

 64.3170, 61.9113,
78.6445


139.5439,
137.1018, 168.1368

 47.1701, 44.9610,
58.0840


173.7661,
171.5599, 208.6330

 33.3787, 31.4267,
41.4610


213.1706,
211.3559, 255.1594

 22.5773, 20.9240,
28.3571

258.1226,
256.8743, 308.1347

 14.4007, 13.0685,
18.3536

308.9875,
308.4994, 367.9772

 8.4834, 7.4757,
11.0321

366.1308,

 4.4602, 3.7613,

366.6156, 435.1057

5.9740

429.9176,
431.6074, 509.9386

■ 1.9656, 1.5410,
2.7607

■ 0.6146, 0.3173,
0.9738

■ 85.1847, 82.6619,
103.5611

■ 85.1847, 82.6619,
103.5611

■ 78.7913, 69.8740,
101.4307

■ 92.5916, 97.4744,
106.0313

■ 73.3607, 59.0127,
99.6203

■ 93.4766, 99.2442,
106.3265

■ 68.8483, 49.9880,
98.1159

■ 93.4766, 99.2442,
106.3267

■ 65.2034, 42.6983,
96.9007

■ 93.4766, 99.2442,
106.3270

62.3704, 37.0324,
95.9561

93.4767, 99.2442,
106.3272

60.2872, 32.8660,
95.2615

93.4767, 99.2443,
106.3275

58.8827, 30.0573,
94.7931

93.4768, 99.2443,
106.3277

58.0724, 28.4367,
94.5228

93.4768, 99.2443,
106.3280

57.7182, 27.7284,
94.4045

93.4769, 99.2443,
106.3282

Harmonies

Analogous

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



81.9345, 82.6619, 112.0042



85.1847, 82.6619, 103.5611



86.6646, 82.6619, 91.9937

Triad

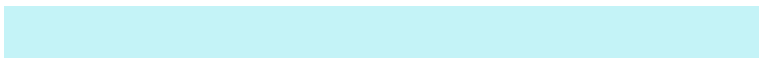
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1847, 82.6619, 103.5611



79.2591, 82.6619, 69.3820



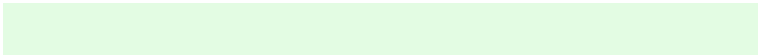
71.6522, 82.6619, 99.8512

Complementary

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



85.1847, 82.6619, 103.5611



80.3573, 91.5001, 86.1034

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.



70.9914, 82.6619, 88.0447



85.1847, 82.6619, 103.5611



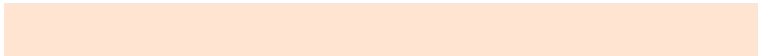
75.2944, 82.6619, 71.0929

Square

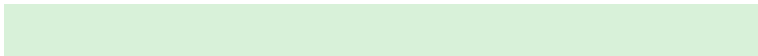
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



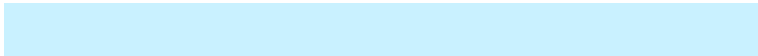
85.1847, 82.6619, 103.5611



83.1686, 82.6619, 72.7934



72.3025, 82.6619, 77.6863



74.1396, 82.6619, 109.7353

Rectangle

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



85.1847, 82.6619, 103.5611



86.4123, 82.6619, 84.3113



72.3025, 82.6619, 77.6863



71.2128, 82.6619, 95.9490

Sweetspot

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



85.1871, 82.6655, 103.5629



92.6579, 95.2158, 108.1026



76.7220, 78.3015, 103.1670



19.6992, 20.1134, 23.0939



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.



85.1871, 82.6655, 103.5629



86.0532, 82.0066, 105.9008



83.2707, 81.8989, 93.4713



17.9931, 17.5246, 21.8195



30.0644, 14.4415, 49.1752



2.7845, 1.3375, 4.5545

Inverse Universe

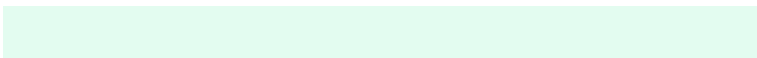
The Inverse Universe completely reimagines the original color for something new.



85.1871, 82.6655, 103.5629



86.0532, 82.0066, 105.9008



82.1459, 92.2156, 95.5219



17.9931, 17.5246, 21.8195



30.0644, 14.4415, 49.1752



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 85.1847, 82.6619, 103.5611 looks on a white background.

Color Contrast Check

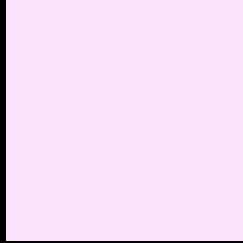
Large Text (above 18pt) WCAG AA × Fail

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 85.1847, 82.6619, 103.5611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

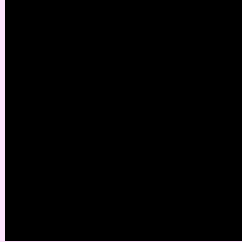
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.1847, 82.6619, 103.5611

Background



This preview shows how black text looks on a background with the XYZ color 85.1847, 82.6619, 103.5611.



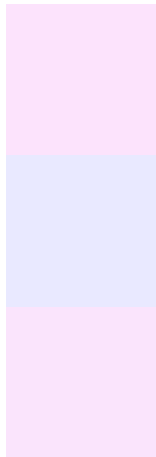
This preview shows how white text looks on a background with the XYZ color 85.1847, 82.6619,

103.5611.

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

85.1847, 82.6619, 103.5611

Protanopia

80.7932, 82.8215, 106.3356

Deuteranopia

84.7384, 82.8391, 103.6188



Tritanopia

84.1616, 82.6499, 98.7060

Trichromacy



Original Color

85.1847, 82.6619, 103.5611

Protanomaly

82.4005, 82.8328, 105.4113

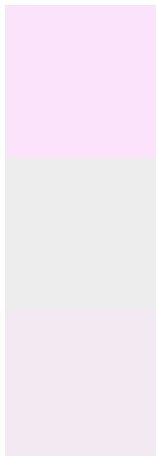
Deuteranomaly

85.0978, 83.0243, 103.6356

Tritanomaly

84.4703, 82.7733, 100.3317

Monochromacy



Original Color

85.1847, 82.6619, 103.5611

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.7839, 83.5659, 95.8238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1847, 82.6619, 103.5611 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, 227, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 227, 252) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 85.1847, 82.6619, 103.5611 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, 227, 252) }
```


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

```
.border{ border-color:rgb(252, 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(252, 227, 252)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 85.1847, 82.6619, 103.5611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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