

Converting Colors

XYZ(86.3914, 85.5840,
102.9891)

Have a look what the booklet for
XYZ(86.3914, 85.5840, 102.9891)
contains.

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Color

**XYZ(86.6964, 85.9383,
103.2851)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE9FB
RGB	252, 233, 251
RGB Percent	99%, 91%, 98%
CMY	0.0118, 0.0863, 0.0157
CMYK	0.00, 0.08, 0.00, 0.01
HSL	303°, 76%, 95%
HSV	303°, 8%, 99%
XYZ	86.6964, 85.9383, 103.2851
YIQ	240.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

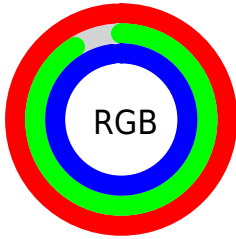
Format	Color
R_{YB}	252, 233, 251
Decimal	16574971
CIE _{Lab}	94.29, 9.54, -6.36
CIE _{LCh}	94, 11.464, 326.281
Yxy	85.9383, 0.3142, 0.3115
Android (android.graphics.Color)	4294765051 (0xFFFC _{E9FB})
YUV	240.7330, 5.0616, 9.8812
Hunter-Lab	92.7029, 4.7043, -1.1660

Details

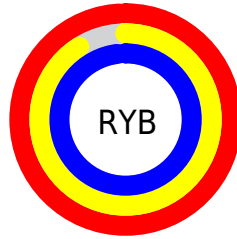
The XYZ color **86.6964, 85.9383, 103.2851** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2693, 92.8874, 91.3868**, and the grayscale version is **83.3598, 87.7010, 95.5064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0781, 46.9865, 58.1651** is the 20% darker color. If you saturate the color by 10%, you get **79.8583, 72.5945, 99.9783**, and if you desaturate by 10%, it is **93.5283, 99.2649, 106.5991**.

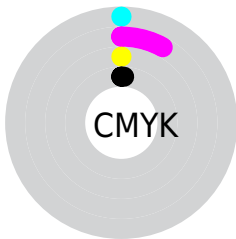
Distribution



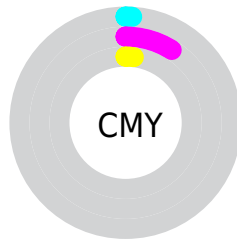
- Red (99%)
- Green (91%)
- Blue (98%)



- Red (99%)
- Yellow (91%)
- Blue (98%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6964, 85.9383, 103.2851 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 86.6964, 85.9383, 103.2851 by changing the saturation by 10% instead.


 86.6964, 85.9383,
103.2851

 86.6964, 85.9383,
103.2851


505.6242,
514.7277, 592.0108

 65.5712, 64.6170,
78.4148


141.6427,
141.6834, 167.7555

 48.1908, 47.1505,
57.8963


176.1946,
176.8759, 208.1926

 34.1899, 33.1547,
41.3111


215.9526,
217.4610, 254.6558

 23.2031, 22.2450,
28.2407

261.2823,
263.8229, 307.5635

 14.8651, 14.0370,
18.2666

312.5490,
316.3462, 367.3344

 8.8104, 8.1464,
10.9701

370.1179,

 4.6739, 4.1888,

375.4151, 434.3868

5.9328

434.3546,
441.4142, 509.1395

■ 2.0900, 1.7797,
2.7362

■ 0.6838, 0.4745,
0.9615

■ 86.6964, 85.9383,
103.2851

■ 86.6964, 85.9383,
103.2851

■ 79.8583, 72.5945,
99.9783

■ 93.5283, 99.2649,
106.5991

■ 73.9950, 61.1991,
97.0026

■ 93.7397, 99.3495,
107.7126

■ 69.0629, 51.6638,
94.3445

■ 93.9527, 99.4346,
108.8337

■ 65.0122, 43.8890,
91.9875

■ 93.9555, 99.4358,
108.8488

■ 61.7886, 37.7662,
89.9133

■ 59.3318, 33.1744,
88.1018

■ 57.5731, 29.9767,
86.5302

■ 56.4317, 28.0112,
85.1715

■ 55.8016, 27.0659,
83.9904

Harmonies

Analogous

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



84.3264, 85.9383, 109.5822



86.6964, 85.9383, 103.2851



87.7219, 85.9383, 94.6742

Triad

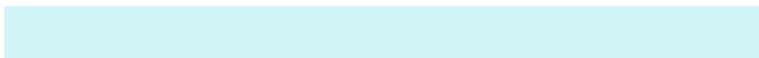
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6964, 85.9383, 103.2851



82.0656, 85.9383, 77.6792



76.4969, 85.9383, 101.2678

Complementary

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



86.6964, 85.9383, 103.2851



83.2693, 92.8874, 91.3868

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.



75.9255, 85.9383, 92.4788



86.6964, 85.9383, 103.2851



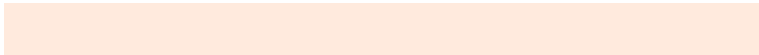
79.0930, 85.9383, 79.2028

Square

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



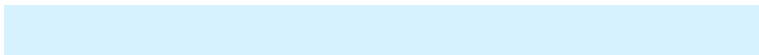
86.6964, 85.9383, 103.2851



85.0063, 85.9383, 80.1891



76.8643, 85.9383, 84.4882



78.4450, 85.9383, 108.3672

Rectangle

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



86.6964, 85.9383, 103.2851



87.4866, 85.9383, 88.9071



76.8643, 85.9383, 84.4882



76.1396, 85.9383, 98.3977

Sweetspot

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



86.6989, 85.9420, 103.2870



93.4013, 96.7718, 108.1373



80.6286, 82.7944, 103.8282



20.0090, 20.7469, 23.1538



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.



86.6989, 85.9420, 103.2870



87.9667, 86.1438, 105.5821



85.2462, 85.3609, 95.6369



17.9512, 17.5079, 21.5990



29.0247, 14.0256, 43.7002



2.7000, 1.3037, 4.1093

Inverse Universe

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



86.6989, 85.9420, 103.2870



87.9667, 86.1438, 105.5821



84.6634, 93.4450, 98.7280



17.9512, 17.5079, 21.5990



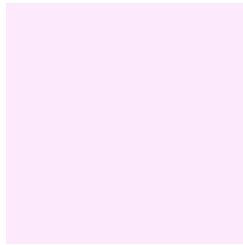
29.0247, 14.0256, 43.7002



2.7000, 1.3037, 4.1093

Previews

White Background



This preview shows how the XYZ color 86.6964, 85.9383, 103.2851 looks on a white background.

Color Contrast Check

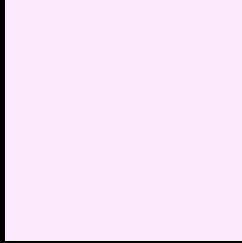
Large Text (above 18pt) WCAG AA × Fail

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 86.6964, 85.9383, 103.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

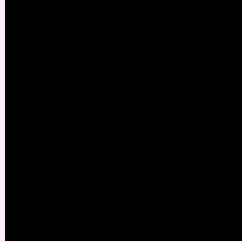
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.6964, 85.9383, 103.2851

Background



This preview shows how black text looks on a background with the XYZ color 86.6964, 85.9383, 103.2851.



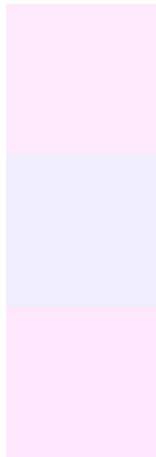
This preview shows how white text looks on a background with the XYZ color 86.6964, 85.9383,

103.2851.

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

86.6964, 85.9383, 103.2851

Protanopia

83.7702, 86.0749, 105.9649

Deuteranopia

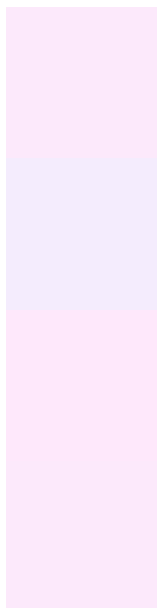
87.5092, 85.9383, 103.2423



Tritanopia

86.6964, 85.9383, 103.2851

Trichromacy



Original Color

86.6964, 85.9383, 103.2851

Protanomaly

85.0333, 86.3159, 105.1074

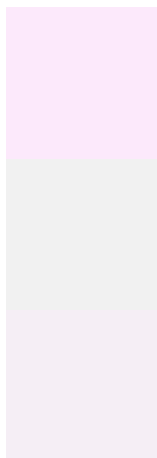
Deuteranomaly

87.1422, 85.7491, 103.2251

Tritanomaly

86.6964, 85.9383, 103.2851

Monochromacy



Original Color

86.6964, 85.9383, 103.2851

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.7122, 87.1541, 98.7438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6964, 85.9383, 103.2851 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, 233, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 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(252, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.6964, 85.9383, 103.2851 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, 233, 251) }
```


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

```
.border{ border-color:rgb(252, 233, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6964, 85.9383, 103.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 251) }
```

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

```
.background{ background-color: rgb(252,  
233, 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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