

Converting Colors

XYZ(89.3393, 86.3153,
104.1588)

Have a look what the booklet for
XYZ(89.3393, 86.3153, 104.1588)
contains.

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Color

**XYZ(87.3866, 85.4401,
103.9813)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE7FC
RGB	255, 231, 252
RGB Percent	100%, 91%, 99%
CMY	0.0000, 0.0941, 0.0118
CMYK	0.00, 0.09, 0.01, 0.00
HSL	307°, 100%, 95%
HSV	307°, 9%, 100%
XYZ	87.3866, 85.4401, 103.9813
YIQ	240.5700, 7.5630, 11.6190

Conversions

Conversions Part 2

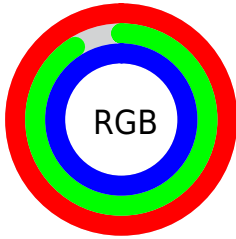
Format	Color
R _Y B	255, 231, 252
Decimal	16771068
CIE Lab	94.07, 11.74, -7.17
CIE LCh	94, 13.757, 328.576
Yxy	85.4401, 0.3157, 0.3087
Android (android.graphics.Color)	4294961148 (0xFFFFE7FC)
YUV	240.5700, 5.6350, 12.6551
Hunter-Lab	92.4338, 6.9941, -1.9933

Details

The XYZ color **87.3866, 85.4401, 103.9813** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.5688, 94.4507, 91.6714**, and the grayscale version is **83.2259, 87.5602, 95.3530**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4690, 46.6058, 58.0710** is the 20% darker color. If you saturate the color by 10%, you get **80.2626, 71.9931, 99.1370**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

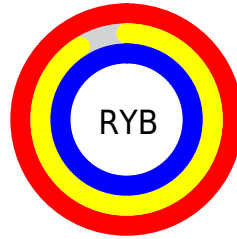
Distribution



Red (100%)

Green (91%)

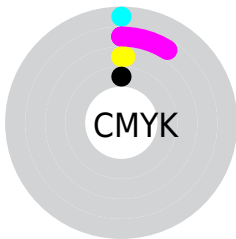
Blue (99%)



Red (100%)

Yellow (91%)

Blue (99%)

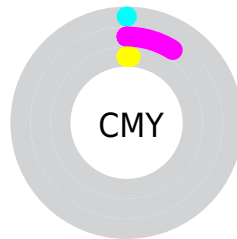


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.3866, 85.4401, 103.9813 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 87.3866, 85.4401, 103.9813 by changing the saturation by 10% instead.

87.3866, 85.4401,
103.9813

87.3866, 85.4401,
103.9813

507.8579,
513.0832, 594.2384

66.1443, 64.2051,
78.9943

142.5998,
140.9879, 168.7171

48.6577, 46.8168,
58.3698

177.3013,
176.0695, 209.3031

34.5614, 32.8909,
41.6894

217.2200,
216.5354, 255.9257

23.4902, 22.0428,
28.5344

262.7212,
262.7699, 309.0036

15.0785, 13.8884,
18.4863

314.1702,
315.1576, 368.9552

8.9612, 8.0431,
11.1267

371.9325,

4.7728, 4.1225,

374.0828, 436.1992

6.0369

436.3732,
439.9299, 511.1541

■ 2.1480, 1.7423,
2.7984

■ 0.7151, 0.4508,
0.9926

■ 87.3866, 85.4401,
103.9813

■ 87.3866, 85.4401,
103.9813

■ 80.2626, 71.9931,
99.1370

95.0500, 100.0000,
108.9000

■ 74.1400, 60.5359,
94.6669

■ 68.9727, 50.9759,
90.5567

■ 64.7087, 43.2091,
86.7887

■ 61.2910, 37.1215,
83.3437

■ 58.6559, 32.5860,
80.2005

■ 56.7308, 29.4574,
77.3344

■ 55.4294, 27.5631,
74.7166

■ 54.6191, 26.6378,
72.3026

Harmonies

Analogous

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



84.6342, 85.4401, 111.9513



87.3866, 85.4401, 103.9813



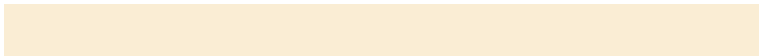
88.4768, 85.4401, 93.5336

Triad

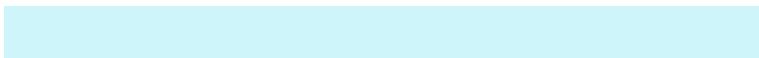
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3866, 85.4401, 103.9813



81.3840, 85.4401, 74.2353



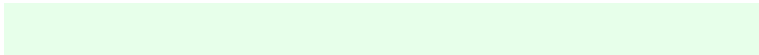
75.1613, 85.4401, 103.0460

Complementary

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



87.3866, 85.4401, 103.9813



83.5688, 94.4507, 91.6714

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.



74.3491, 85.4401, 92.5277



87.3866, 85.4401, 103.9813



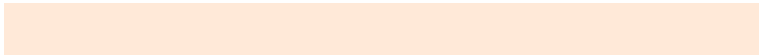
77.8760, 85.4401, 76.3702

Square

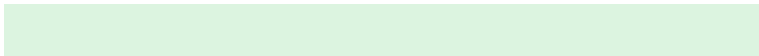
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3866, 85.4401, 103.9813



84.9472, 85.4401, 76.8120



75.3282, 85.4401, 82.8755



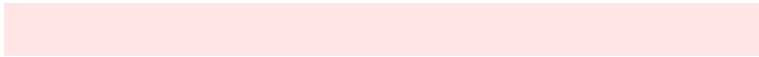
77.5806, 85.4401, 111.3833

Rectangle

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



87.3866, 85.4401, 103.9813



88.0900, 85.4401, 86.7327



75.3282, 85.4401, 82.8755



74.6945, 85.4401, 99.6244

Sweetspot

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



87.3885, 85.4435, 103.9831



92.5043, 95.1544, 107.2940



80.4953, 81.8346, 106.1608



19.6576, 20.0967, 22.8748



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.



87.3885, 85.4435, 103.9831



86.1861, 83.1671, 103.1865



85.5760, 84.7185, 94.4387



18.6892, 18.2590, 22.2464



28.5563, 13.9118, 37.9094



2.8067, 1.3650, 3.8292

Inverse Universe

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



87.3885, 85.4435, 103.9831



86.1861, 83.1671, 103.1865



85.3211, 95.1516, 100.8989



18.6892, 18.2590, 22.2464



28.5563, 13.9118, 37.9094



2.8067, 1.3650, 3.8292

Previews

White Background



This preview shows how the XYZ color 87.3866, 85.4401, 103.9813 looks on a white background.

Color Contrast Check

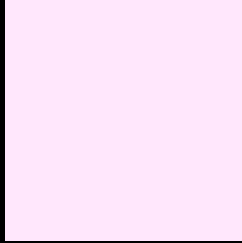
Large Text (above 18pt) WCAG AA × Fail

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 87.3866, 85.4401, 103.9813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

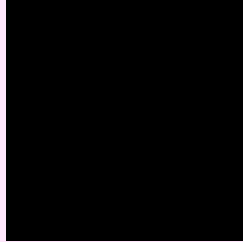
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.3866, 85.4401, 103.9813

Background



This preview shows how black text looks on a background with the XYZ color 87.3866, 85.4401, 103.9813.



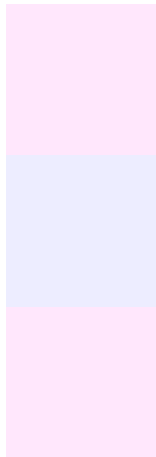
This preview shows how white text looks on a background with the XYZ color 87.3866, 85.4401,

103.9813.

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

87.3866, 85.4401, 103.9813

Protanopia

83.2592, 85.7929, 106.7792

Deuteranopia

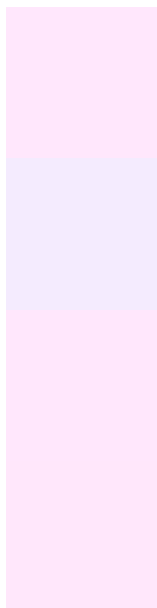
87.3866, 85.4401, 103.9813



Tritanopia

87.0712, 85.3140, 102.3206

Trichromacy



Original Color

87.3866, 85.4401, 103.9813

Protanomaly

84.9060, 85.8055, 105.8530

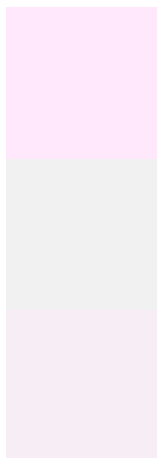
Deuteranomaly

87.3866, 85.4401, 103.9813

Tritanomaly

87.2285, 85.3769, 103.1487

Monochromacy



Original Color

87.3866, 85.4401, 103.9813

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.7717, 86.7538, 98.6634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3866, 85.4401, 103.9813 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, 231, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 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, 231, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 252) }
```

Border

The CSS property to change the border of an element to XYZ 87.3866, 85.4401, 103.9813 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, 231, 252) }
```


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

```
.border{ border-color:rgb(255, 231, 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, 231, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3866, 85.4401, 103.9813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 252) }
```

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

```
.background{ background-color: rgb(255,  
231, 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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