

Converting Colors

XYZ(87.0465, 85.9839,
104.6504)

Have a look what the booklet for
XYZ(87.0465, 85.9839, 104.6504)
contains.

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Color

**XYZ(87.0134, 86.0651,
104.9546)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE9FD
RGB	252, 233, 253
RGB Percent	99%, 91%, 99%
CMY	0.0118, 0.0863, 0.0078
CMYK	0.00, 0.08, 0.00, 0.01
HSL	297°, 83%, 95%
HSV	297°, 8%, 99%
XYZ	87.0134, 86.0651, 104.9546
YIQ	240.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

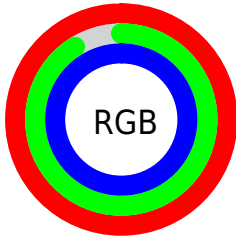
Format	Color
R_{YB}	252, 233, 253
Decimal	16574973
CIE _{Lab}	94.34, 9.89, -7.32
CIE _{LCh}	94, 12.308, 323.486
Yxy	86.0651, 0.3130, 0.3095
Android (android.graphics.Color)	4294765053 (0xFFFC _{E9} FD)
YUV	240.9610, 5.9352, 9.6812
Hunter-Lab	92.7713, 5.0716, -2.1365

Details

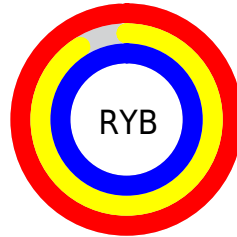
The XYZ color **87.0134, 86.0651, 104.9546** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7681, 93.6284, 90.7522**, and the grayscale version is **83.5327, 87.8829, 95.7044**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1916, 47.0319, 58.7626** is the 20% darker color. If you saturate the color by 10%, you get **79.9029, 72.5206, 102.7163**, and if you desaturate by 10%, it is **94.0951, 99.5447, 107.1845**.

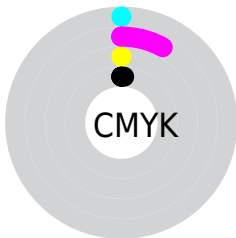
Distribution



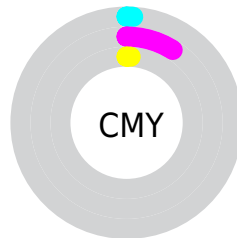
- Red (99%)
- Green (91%)
- Blue (99%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.0134, 86.0651, 104.9546 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 87.0134, 86.0651, 104.9546 by changing the saturation by 10% instead.


 87.0134, 86.0651,
104.9546

 87.0134, 86.0651,
104.9546


506.6508,
515.1458, 597.3453

 65.8344, 64.7218,
79.8049


142.0824,
141.8603, 170.0605

 48.4052, 47.2355,
59.0326


176.7030,
177.0811, 210.8537

 34.3604, 33.2219,
42.2192

216.5350,
217.6964, 257.6985

 23.3348, 22.2965,
28.9461

261.9435,
264.0907, 311.0135

 14.9630, 14.0749,
18.7948

313.2940,
316.6484, 371.2171

 8.8796, 8.1728,
11.3468

370.9518,

 4.7192, 4.2057,

375.7539, 438.7279

6.1835

435.2823,
441.7916, 513.9644

■ 2.1165, 1.7893,
2.8864

■ 0.6982, 0.4805,
1.0369

■ 87.0134, 86.0651,
104.9546

■ 87.0134, 86.0651,
104.9546

■ 79.9029, 72.5206,
102.7163

94.0951, 99.5447,
107.1845

■ 73.7762, 60.9407,
100.8041

94.5578, 99.7833,
107.2061

■ 68.5893, 51.2358,
99.2042

94.7299, 99.8719,
107.2142

■ 64.2918, 43.3052,
97.8999

■ 60.8287, 37.0388,
96.8729

■ 58.1386, 32.3140,
96.1027

■ 56.1520, 28.9918,
95.5662

■ 54.7867, 26.9076,
95.2359

■ 53.9321, 25.8404,
95.0749

Harmonies

Analogous

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



84.3594, 86.0651, 111.4012



87.0134, 86.0651, 104.9546



88.2757, 86.0651, 95.7889

Triad

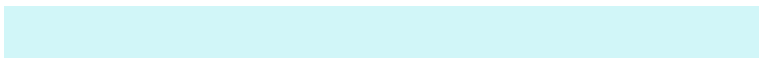
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.0134, 86.0651, 104.9546



82.5249, 86.0651, 76.7761



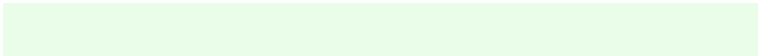
76.1148, 86.0651, 101.1472

Complementary

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



87.0134, 86.0651, 104.9546



83.7681, 93.6284, 90.7522

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.



75.6533, 86.0651, 91.6620



87.0134, 86.0651, 104.9546



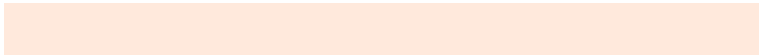
79.2974, 86.0651, 77.9990

Square

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



87.0134, 86.0651, 104.9546



85.6396, 86.0651, 79.8391



76.8035, 86.0651, 83.2992



78.0813, 86.0651, 109.1016

Rectangle

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



87.0134, 86.0651, 104.9546



88.1347, 86.0651, 89.5323



76.8035, 86.0651, 83.2992



75.7807, 86.0651, 98.0162

Sweetspot

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



87.0159, 86.0688, 104.9565



93.3508, 96.7407, 108.3605



80.8554, 83.4553, 104.7767



19.9987, 20.7406, 23.1992



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.



87.0159, 86.0688, 104.9565



87.7398, 86.0044, 106.5839



86.0294, 85.7162, 97.8669



18.6976, 18.2514, 22.7873



28.6491, 13.6796, 50.5650



2.8159, 1.3456, 4.9246

Inverse Universe

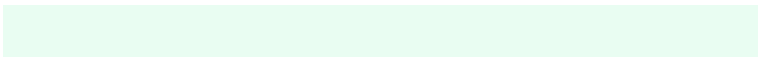
The Inverse Universe completely reimagines the original color for something new.



84.5012, 85.1049, 89.8193



84.8469, 84.8959, 89.1535



84.7095, 93.9671, 97.4181



18.0462, 18.0018, 18.8604



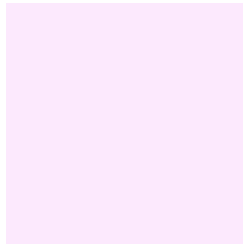
21.6012, 11.1298, 1.2844



2.1156, 1.0886, 0.1902

Previews

White Background



This preview shows how the XYZ color 87.0134, 86.0651, 104.9546 looks on a white background.

Color Contrast Check

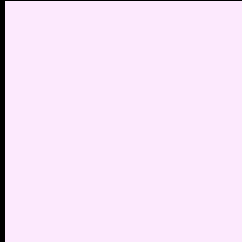
Large Text (above 18pt) WCAG AA × Fail

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 87.0134, 86.0651, 104.9546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

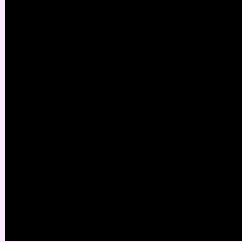
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

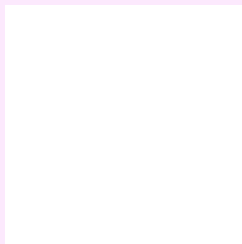
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.0134, 86.0651, 104.9546

Background



This preview shows how black text looks on a background with the XYZ color 87.0134, 86.0651, 104.9546.



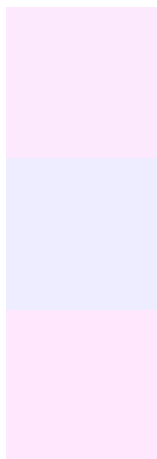
This preview shows how white text looks on a background with the XYZ color 87.0134, 86.0651,

104.9546.

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

87.0134, 86.0651, 104.9546

Protanopia

83.5941, 85.9655, 106.7949

Deuteranopia

87.8262, 86.0651, 104.9118



Tritanopia

86.8545, 86.0015, 104.1177

Trichromacy



Original Color

87.0134, 86.0651, 104.9546

Protanomaly

84.8470, 86.2013, 105.9325

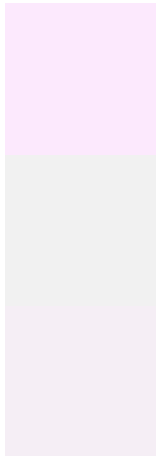
Deuteranomaly

87.4593, 85.8759, 104.8946

Tritanomaly

86.8545, 86.0015, 104.1177

Monochromacy



Original Color

87.0134, 86.0651, 104.9546

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 87.0134, 86.0651, 104.9546 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 253) }
```

Border

The CSS property to change the border of an element to XYZ 87.0134, 86.0651, 104.9546 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, 253) }
```


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

```
.border{ border-color:rgb(252, 233, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 253);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 87.0134, 86.0651, 104.9546 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, 253) }
```

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

```
.background{ background-color: rgb(252,  
233, 253) }
```

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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