

Converting Colors

XYZ(86.9304, 89.0594,
103.8752)

Have a look what the booklet for
XYZ(86.9304, 89.0594, 103.8752)
contains.

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Color

**XYZ(86.9304, 89.0594,
103.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F0FB
RGB	247, 240, 251
RGB Percent	97%, 94%, 98%
CMY	0.0314, 0.0588, 0.0157
CMYK	0.02, 0.04, 0.00, 0.02
HSL	278°, 58%, 96%
HSV	278°, 4%, 98%
XYZ	86.9304, 89.0594, 103.8752
YIQ	243.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

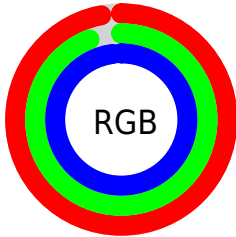
Format	Color
R_{YB}	247, 240, 251
Decimal	16249083
CIE Lab	95.61, 4.28, -4.46
CIE LCh	96, 6.187, 313.835
Yxy	89.0594, 0.3106, 0.3182
Android (android.graphics.Color)	4294439163 (0xFF7F0FB)
YUV	243.3470, 3.7729, 3.2037
Hunter-Lab	94.3713, -0.7239, 0.7989

Details

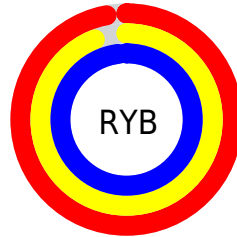
The XYZ color **86.9304, 89.0594, 103.8752** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.5370, 94.5211, 96.0734**, and the grayscale version is **85.4405, 89.8900, 97.8903**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.4767, 49.2975, 58.5901** is the 20% darker color. If you saturate the color by 10%, you get **76.9057, 73.6727, 101.4350**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5447**.

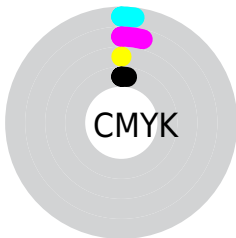
Distribution



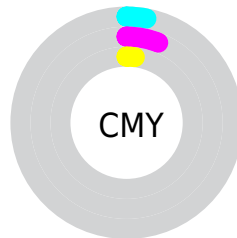
- Red (97%)
- Green (94%)
- Blue (98%)



- Red (97%)
- Yellow (94%)
- Blue (98%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)




- Cyan (3%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.9304, 89.0594, 103.8752 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 86.9304, 89.0594, 103.8752 by changing the saturation by 10% instead.


 86.9304, 89.0594,
103.8752

 86.9304, 89.0594,
103.8752


506.3821,
524.9663, 593.8992

 65.7655, 67.2008,
78.9060


141.9673,
146.0312, 168.5706

 48.3490, 49.2478,
58.2976

176.5699,
181.9131, 209.1339

 34.3158, 34.8161,
41.6317


216.3825,
223.2383, 255.7323

 23.3003, 23.5213,
28.4896

261.7704,
270.3911, 308.7842

 14.9373, 14.9789,
18.4528

313.0990,
323.7559, 368.7084

 8.8614, 8.8046,
11.1028

370.7335,

 4.7073, 4.6139,

383.7171, 435.9232

6.0210

435.0395,
450.6591, 510.8473

■ 2.1095, 2.0226,
2.7888

■ 0.6944, 0.6205,
0.9878

■ 86.9304, 89.0594,
103.8752

■ 86.9304, 89.0594,
103.8752

■ 76.9057, 73.6727,
101.4350

94.4128, 99.7451,
105.5447

■ 68.0142, 60.3230,
99.3269

■ 60.2117, 48.9238,
97.5378

■ 53.4478, 39.3779,
96.0518

■ 47.6678, 31.5796,
94.8512

■ 42.8117, 25.4120,
93.9167

■ 38.8119, 20.7440,
93.2265

■ 35.5901, 17.4229,
92.7552

■ 33.0513, 15.2623,
92.4720

Harmonies

Analogous

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



85.4316, 89.0594, 106.3390



86.9304, 89.0594, 103.8752



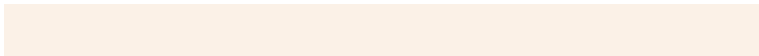
87.8240, 89.0594, 99.5980

Triad

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



86.9304, 89.0594, 103.8752



85.5608, 89.0594, 88.2616



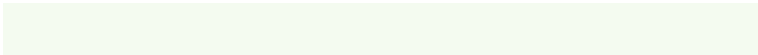
81.5165, 89.0594, 99.2244

Complementary

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



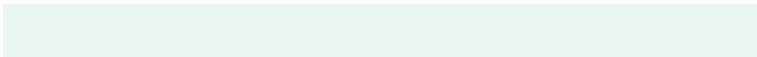
86.9304, 89.0594, 103.8752



87.5370, 94.5211, 96.0734

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.



81.5501, 89.0594, 94.3897



86.9304, 89.0594, 103.8752



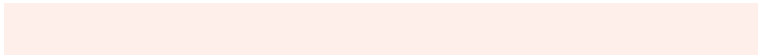
83.8697, 89.0594, 88.1691

Square

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



86.9304, 89.0594, 103.8752



87.0261, 89.0594, 90.6358



82.4065, 89.0594, 90.3789



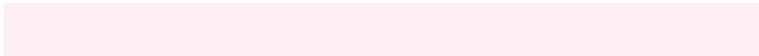
82.3142, 89.0594, 103.5938

Rectangle

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



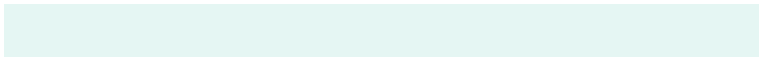
86.9304, 89.0594, 103.8752



87.9489, 89.0594, 96.3464



82.4065, 89.0594, 90.3789



81.4313, 89.0594, 97.5974

Sweetspot

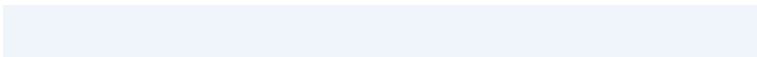
The Sweet Spot groups the original color and five complimentary colors.



86.9330, 89.0632, 103.8771



93.9014, 98.2083, 108.6147



85.7120, 90.2155, 104.1639



20.1109, 21.0395, 23.2510



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.



86.9330, 89.0632, 103.8771



89.4307, 91.2641, 107.5100



88.1286, 89.7062, 102.7312



18.1703, 18.4616, 21.9911



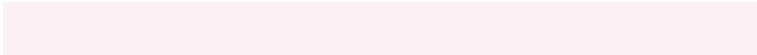
16.9059, 7.6580, 48.5607



1.6820, 0.7692, 4.5030

Inverse Universe

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



87.2761, 89.3652, 98.2420



89.8379, 91.6217, 100.8551



86.3827, 93.9008, 97.1610



18.2655, 18.5451, 20.4436



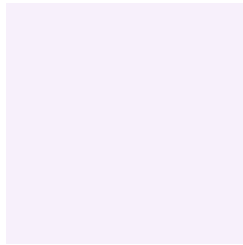
21.9751, 11.2058, 6.5776



2.0842, 1.0574, 0.8667

Previews

White Background



This preview shows how the XYZ color 86.9304, 89.0594, 103.8752 looks on a white background.

Color Contrast Check

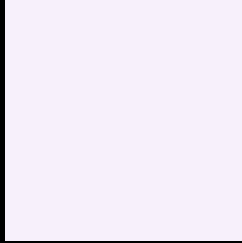
Large Text (above 18pt) WCAG AA × Fail

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 86.9304, 89.0594, 103.8752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

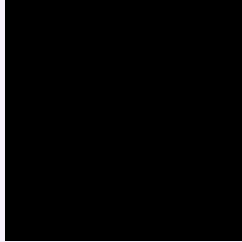
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

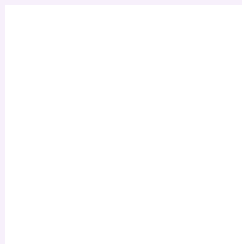
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.9304, 89.0594, 103.8752

Background



This preview shows how black text looks on a background with the XYZ color 86.9304, 89.0594, 103.8752.



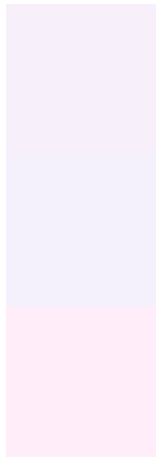
This preview shows how white text looks on a background with the XYZ color 86.9304, 89.0594,

103.8752.

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

86.9304, 89.0594, 103.8752

Protanopia

86.3342, 89.1720, 104.7571

Deuteranopia

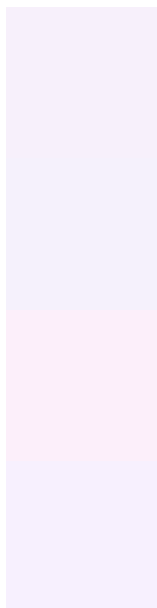
88.9134, 89.2486, 102.1630



Tritanopia

87.5679, 89.3143, 107.2318

Trichromacy



Original Color

86.9304, 89.0594, 103.8752

Protanomaly

86.6822, 89.3513, 104.7734

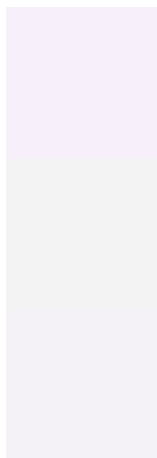
Deuteranomaly

88.2667, 89.3306, 103.0329

Tritanomaly

87.4073, 89.2501, 106.3861

Monochromacy



Original Color

86.9304, 89.0594, 103.8752

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.6949, 89.3912, 99.9264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9304, 89.0594, 103.8752 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(247, 240, 251) looks like.

```
.text, #text, p{  
    color:rgb(247, 240, 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(247, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 240, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.9304, 89.0594, 103.8752 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(247, 240, 251) }
```


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

```
.border{ border-color:rgb(247, 240, 251) }
```

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

Here you see how a box with a 4 pixel rgb(247, 240, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(247, 240,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9304, 89.0594, 103.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 240, 251) }
```

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

```
.background{ background-color: rgb(247,  
240, 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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