

Converting Colors

XYZ(83.7365, 84.5202,
102.9245)

Have a look what the booklet for
XYZ(83.7365, 84.5202, 102.9245)
contains.

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Color

**XYZ(83.8597, 84.4760,
103.1524)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E9FB
RGB	244, 233, 251
RGB Percent	96%, 91%, 98%
CMY	0.0431, 0.0863, 0.0157
CMYK	0.03, 0.07, 0.00, 0.02
HSL	277°, 69%, 95%
HSV	277°, 7%, 98%
XYZ	83.8597, 84.4760, 103.1524
YIQ	238.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

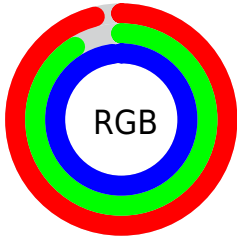
Format	Color
R_{YB}	244, 233, 251
Decimal	16050683
CIE _{Lab}	93.66, 6.90, -7.36
CIE _{LCh}	94, 10.092, 313.134
Yxy	84.4760, 0.3089, 0.3112
Android (android.graphics.Color)	4294240763 (0xFFFF4E9FB)
YUV	238.3410, 6.2409, 4.9629
Hunter-Lab	91.9108, 2.0200, -2.2042

Details

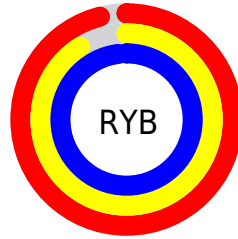
The XYZ color **83.8597, 84.4760, 103.1524** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.1436, 93.4051, 90.6366**, and the grayscale version is **81.4871, 85.7307, 93.3608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1988, 46.0307, 57.4888** is the 20% darker color. If you saturate the color by 10%, you get **73.9556, 69.5636, 100.7973**, and if you desaturate by 10%, it is **93.9599, 99.5117, 105.5235**.

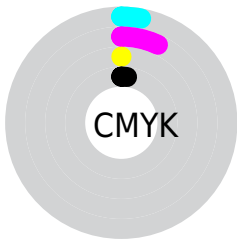
Distribution



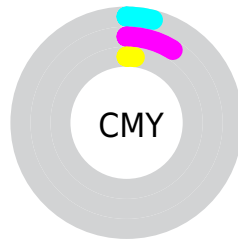
- Red (96%)
- Green (91%)
- Blue (98%)



- Red (96%)
- Yellow (91%)
- Blue (98%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.8597, 84.4760, 103.1524 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 83.8597, 84.4760, 103.1524 by changing the saturation by 10% instead.

83.8597, 84.4760,
103.1524

83.8597, 84.4760,
103.1524

496.3879,
509.8926, 591.5857

63.2189, 63.4085,
78.3043

137.7012,
139.6408, 167.5721

46.2777, 46.1718,
57.8061

171.6326,
174.5070, 207.9809

32.6705, 32.3814,
41.2391

210.7249,
214.7414, 254.4136

22.0322, 21.6530,
28.1849

255.3435,
260.7286, 307.2888

13.9973, 13.6021,
18.2248

305.8538,
312.8529, 367.0251

8.2005, 7.8445,
10.9404

362.6210,

4.2764, 3.9956,

371.4988, 434.0410

5.9131

426.0106,
437.0505, 508.7550

■ 1.8596, 1.6711,
2.7244

■ 0.5532, 0.4048,
0.9557

■ 83.8597, 84.4760,
103.1524

■ 83.8597, 84.4760,
103.1524

■ 73.9556, 69.5636,
100.7973

93.9599, 99.5117,
105.5235

■ 65.1940, 56.6752,
98.7714

94.4128, 99.7451,
105.5447

■ 57.5291, 45.7219,
97.0611

■ 50.9089, 36.6040,
95.6501

■ 45.2767, 29.2128,
94.5204

■ 40.5701, 23.4277,
93.6518

■ 36.7183, 19.1119,
93.0217

■ 33.6386, 16.1048,
92.6036

■ 31.2256, 14.2003,
92.3632

Harmonies

Analogous

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



81.4662, 84.4760, 107.0819



83.8597, 84.4760, 103.1524



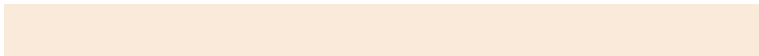
85.3148, 84.4760, 96.3197

Triad

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



83.8597, 84.4760, 103.1524



81.7932, 84.4760, 78.5925



75.3870, 84.4760, 95.3676

Complementary

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



83.8597, 84.4760, 103.1524



85.1436, 93.4051, 90.6366

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.



75.4701, 84.4760, 87.7726



83.8597, 84.4760, 103.1524



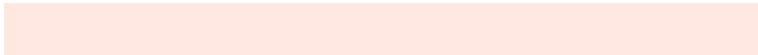
79.1289, 84.4760, 78.3693

Square

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



83.8597, 84.4760, 103.1524



84.1037, 84.4760, 82.2728



76.8268, 84.4760, 81.6449



76.5971, 84.4760, 102.4222

Rectangle

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



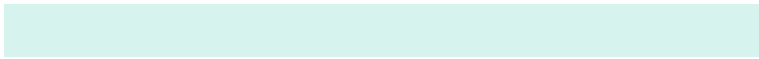
83.8597, 84.4760, 103.1524



85.5373, 84.4760, 91.1770



76.8268, 84.4760, 81.6449



75.2655, 84.4760, 92.7877

Sweetspot

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



83.8622, 84.4796, 103.1542



92.7185, 96.4148, 108.3309



82.2392, 86.7302, 103.6742



19.8700, 20.6743, 23.1932



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.



83.8622, 84.4796, 103.1542



84.9523, 84.5674, 106.4534



86.0552, 85.6428, 101.7829



17.3012, 17.1679, 21.7872



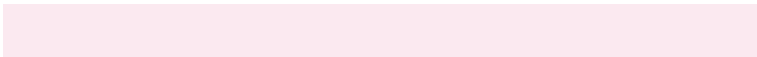
16.2625, 7.3263, 48.5305



1.6249, 0.7397, 4.5003

Inverse Universe

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



84.6538, 85.0822, 94.4033



85.9844, 85.3509, 95.1436



83.0711, 92.3068, 91.8886



17.5241, 17.3370, 19.3497



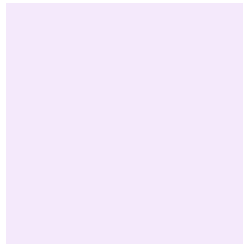
22.1278, 11.2669, 7.3816



2.0997, 1.0636, 0.9482

Previews

White Background



This preview shows how the XYZ color 83.8597, 84.4760, 103.1524 looks on a white background.

Color Contrast Check

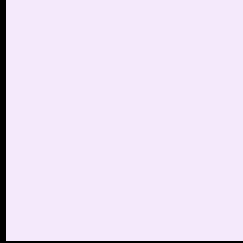
Large Text (above 18pt) WCAG AA × Fail

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 83.8597, 84.4760, 103.1524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

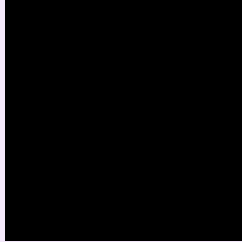
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

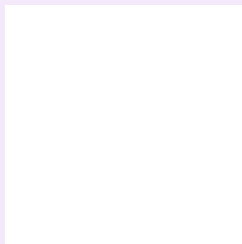
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8597, 84.4760, 103.1524

Background



This preview shows how black text looks on a background with the XYZ color 83.8597, 84.4760, 103.1524.



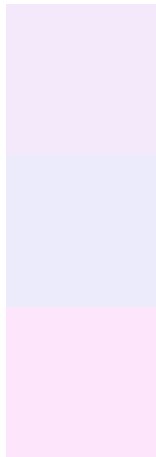
This preview shows how white text looks on a background with the XYZ color 83.8597, 84.4760,

103.1524.

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

83.8597, 84.4760, 103.1524

Protanopia

81.8711, 84.2778, 104.0476

Deuteranopia

86.3755, 84.5046, 103.8540



Tritanopia

83.8597, 84.4760, 103.1524

Trichromacy



Original Color

83.8597, 84.4760, 103.1524

Protanomaly

82.5901, 84.2246, 103.9995

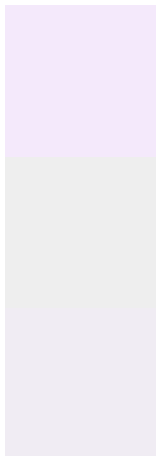
Deuteranomaly

85.5709, 84.5041, 103.8963

Tritanomaly

83.8597, 84.4760, 103.1524

Monochromacy



Original Color

83.8597, 84.4760, 103.1524

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.1083, 84.9872, 96.8706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8597, 84.4760, 103.1524 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(244, 233, 251) looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 233, 251) }
```

Border

The CSS property to change the border of an element to XYZ 83.8597, 84.4760, 103.1524 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(244, 233, 251) }
```


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

```
.border{ border-color:rgb(244, 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(244, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(244, 233,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8597, 84.4760, 103.1524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 233, 251) }
```

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

```
.background{ background-color: rgb(244,  
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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