

Converting Colors

XYZ(116.1585, 100.0000,
104.5163)

Have a look what the booklet for
XYZ(116.1585, 100.0000, 104.5163)
contains.

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Color

**XYZ(86.9494, 84.8187,
103.0557)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE6FB
RGB	255, 230, 251
RGB Percent	100%, 90%, 98%
CMY	0.0000, 0.0980, 0.0157
CMYK	0.00, 0.10, 0.02, 0.00
HSL	310°, 100%, 95%
HSV	310°, 10%, 100%
XYZ	86.9494, 84.8187, 103.0557
YIQ	239.8690, 8.1590, 11.8310

Conversions

Conversions Part 2

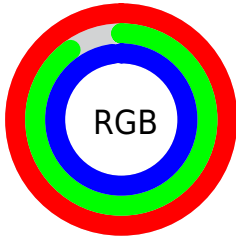
Format	Color
R_{YB}	255, 230, 251
Decimal	16770811
CIE _{Lab}	93.80, 12.08, -7.05
CIE _{LCh}	94, 13.986, 329.740
Yxy	84.8187, 0.3164, 0.3086
Android (android.graphics.Color)	4294960891 (0xFFFFE6FB)
YUV	239.8690, 5.4876, 13.2699
Hunter-Lab	92.0971, 7.3531, -1.8770

Details

The XYZ color **86.9494, 84.8187, 103.0557** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.2470, 94.2848, 91.6565**, and the grayscale version is **82.6777, 86.9834, 94.7249**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1624, 46.1729, 57.4128** is the 20% darker color. If you saturate the color by 10%, you get **79.7298, 71.3973, 97.5115**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

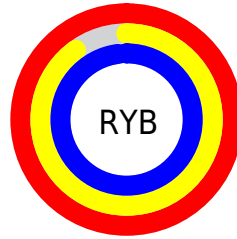
Distribution



Red (100%)

Green (90%)

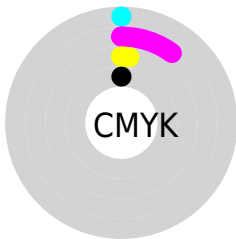
Blue (98%)



Red (100%)

Yellow (90%)

Blue (98%)

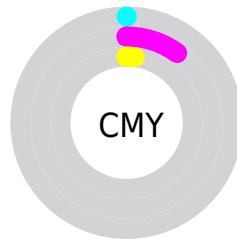


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (10%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.9494, 84.8187, 103.0557 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 86.9494, 84.8187, 103.0557 by changing the saturation by 10% instead.


 86.9494, 84.8187,
103.0557

 86.9494, 84.8187,
103.0557


506.4436,
511.0280, 591.2759

 65.7812, 63.6916,
78.2239


141.9936,
140.1198, 167.4385

 48.3619, 46.4009,
57.7404


176.6004,
175.0627, 207.8265

 34.3260, 32.5623,
41.1866

216.4174,
215.3795, 254.2371

 23.3082, 21.7914,
28.1441

261.8100,
261.4548, 307.0886

 14.9432, 13.7037,
18.1944

313.1436,
313.6729, 366.7997

 8.8656, 7.9149,
10.9187

370.7835,

 4.7100, 4.0405,

372.4182, 433.7890

5.8987

435.0950,
438.0751, 508.4748

■ 2.1111, 1.6963,
2.7158

■ 0.6953, 0.4212,
0.9514

■ 86.9494, 84.8187,
103.0557

■ 86.9494, 84.8187,
103.0557

■ 79.7298, 71.3973,
97.5115

95.0500, 100.0000,
108.9000

■ 73.5152, 59.9642,
92.3690

■ 68.2592, 50.4265,
87.6137

■ 63.9097, 42.6798,
83.2275

■ 60.4092, 36.6097,
79.1911

■ 57.6939, 32.0884,
75.4826

■ 55.6907, 28.9700,
72.0772

■ 54.3124, 27.0802,
68.9455

■ 53.4197, 26.1407,
66.0405

Harmonies

Analogous

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



84.2151, 84.8187, 111.2888



86.9494, 84.8187, 103.0557



87.9774, 84.8187, 92.4459

Triad

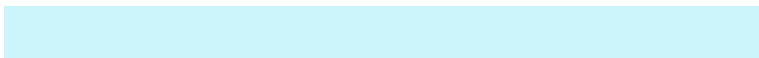
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.9494, 84.8187, 103.0557



80.6500, 84.8187, 73.3608



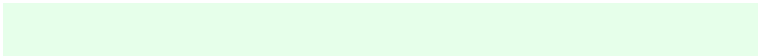
74.5702, 84.8187, 102.8830

Complementary

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



86.9494, 84.8187, 103.0557



83.2470, 94.2848, 91.6565

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.



73.6802, 84.8187, 92.2605



86.9494, 84.8187, 103.0557



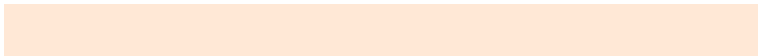
77.1241, 84.8187, 75.6973

Square

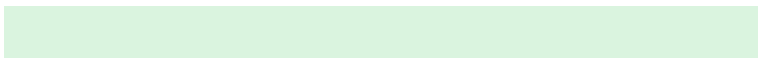
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



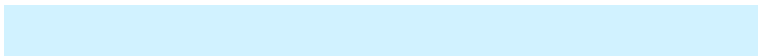
86.9494, 84.8187, 103.0557



84.2728, 84.8187, 75.7785



74.6010, 84.8187, 82.4185



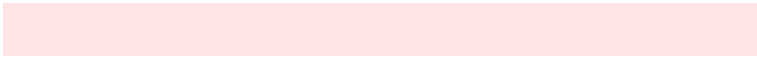
77.0697, 84.8187, 111.1838

Rectangle

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



86.9494, 84.8187, 103.0557



87.5331, 84.8187, 85.6112



74.6010, 84.8187, 82.4185



74.0764, 84.8187, 99.4401

Sweetspot

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



86.9513, 84.8221, 103.0575



92.4615, 95.1372, 107.0682



80.1998, 81.2680, 106.0670



19.6460, 20.0921, 22.8136



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.



86.9513, 84.8221, 103.0575



85.2750, 81.6953, 101.8028



85.0821, 84.0744, 93.2145



18.6605, 18.2475, 22.0952



27.9514, 13.6698, 34.7239



2.7535, 1.3438, 3.5493

Inverse Universe

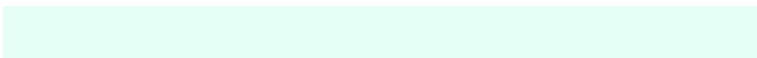
The Inverse Universe completely reimagines the original color for something new.



86.9513, 84.8221, 103.0575



85.2750, 81.6953, 101.8028



85.0683, 95.0133, 101.2476



18.6605, 18.2475, 22.0952



27.9514, 13.6698, 34.7239



2.7535, 1.3438, 3.5493

Previews

White Background



This preview shows how the XYZ color 86.9494, 84.8187, 103.0557 looks on a white background.

Color Contrast Check

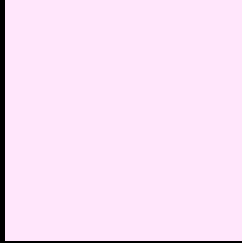
Large Text (above 18pt) WCAG AA × Fail

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 86.9494, 84.8187, 103.0557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

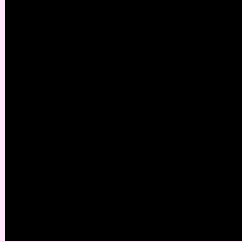
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.9494, 84.8187, 103.0557

Background



This preview shows how black text looks on a background with the XYZ color 86.9494, 84.8187, 103.0557.



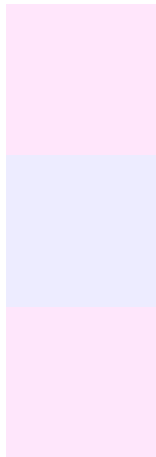
This preview shows how white text looks on a background with the XYZ color 86.9494, 84.8187,

103.0557.

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

86.9494, 84.8187, 103.0557

Protanopia

82.9705, 85.2154, 106.6829

Deuteranopia

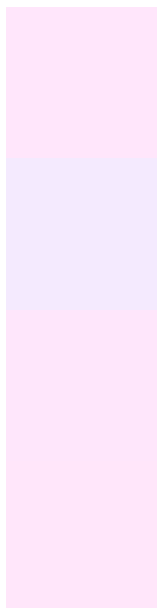
86.5825, 84.6295, 103.0385



Tritanopia

86.6357, 84.6932, 101.4038

Trichromacy



Original Color

86.9494, 84.8187, 103.0557

Protanomaly

84.6204, 85.2345, 105.7579

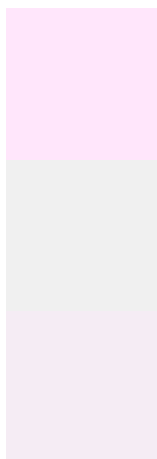
Deuteranomaly

86.5825, 84.6295, 103.0385

Tritanomaly

86.7921, 84.7558, 102.2275

Monochromacy



Original Color

86.9494, 84.8187, 103.0557

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

83.9808, 85.9350, 97.7488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9494, 84.8187, 103.0557 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, 230, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 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(255, 230, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.9494, 84.8187, 103.0557 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, 230, 251) }
```


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

```
.border{ border-color:rgb(255, 230, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 230, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9494, 84.8187, 103.0557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 251) }
```

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

```
.background{ background-color: rgb(255,  
230, 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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