

Converting Colors

XYZ(84.1136, 79.4967,
103.5417)

Have a look what the booklet for
XYZ(84.1136, 79.4967, 103.5417)
contains.

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Color

**XYZ(84.1959, 79.3491,
103.8068)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDCFD
RGB	254, 220, 253
RGB Percent	100%, 86%, 99%
CMY	0.0039, 0.1372, 0.0078
CMYK	0.00, 0.13, 0.00, 0.00
HSL	302°, 94%, 93%
HSV	302°, 13%, 100%
XYZ	84.1959, 79.3491, 103.8068
YIQ	233.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

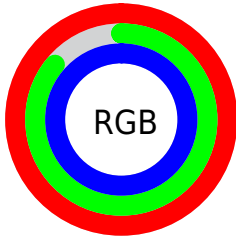
Format	Color
RYB	254, 220, 253
Decimal	16702717
CIELab	91.39, 17.30, -11.68
CIELCh	91, 20.877, 325.969
Yxy	79.3491, 0.3149, 0.2968
Android (android.graphics.Color)	4294892797 (0xFF FEDCFD)
YUV	233.9280, 9.4025, 17.6031
Hunter-Lab	89.0781, 12.8300, -6.7387

Details

The XYZ color **84.1959, 79.3491, 103.8068** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.0113, 91.3220, 81.9262**, and the grayscale version is **78.0803, 82.1465, 89.4576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4449, 42.7661, 58.0313** is the 20% darker color. If you saturate the color by 10%, you get **77.9115, 66.9693, 101.1266**, and if you desaturate by 10%, it is **91.4982, 93.7616, 106.8305**.

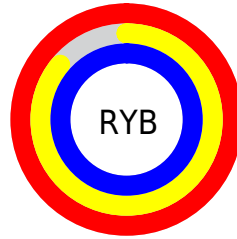
Distribution



Red (100%)

Green (86%)

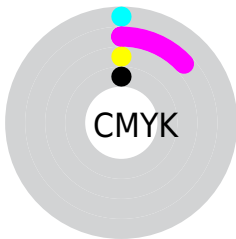
Blue (99%)



Red (100%)

Yellow (86%)

Blue (99%)

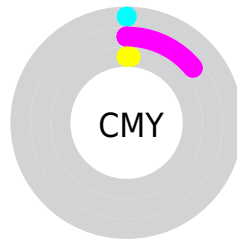


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1959, 79.3491, 103.8068 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 84.1959, 79.3491, 103.8068 by changing the saturation by 10% instead.

84.1959, 79.3491,
103.8068

84.1959, 79.3491,
103.8068

497.4874,
492.7365, 593.6805

63.4974, 59.1829,
78.8490

138.1690,
132.4502, 168.4762

46.5039, 42.7604,
58.2511

172.1744,
166.1539, 209.0248

32.8500, 29.6971,
41.5945

211.3461,
205.1388, 255.6075

22.1702, 19.6088,
28.4607

256.0495,
249.7895, 308.6428

14.0993, 12.1110,
18.4312

306.6500,
300.4902, 368.5492

8.2719, 6.8193,
11.0874

363.5129,

4.3227, 3.3494,

357.6253, 435.7453

6.0107

427.0036,
421.5793, 510.6495

■ 1.8863, 1.3167,
2.7827

■ 0.5688, 0.1541,
0.9848

■ 84.1959, 79.3491,
103.8068

■ 84.1959, 79.3491,
103.8068

■ 77.9115, 66.9693,
101.1266

■ 91.4982, 93.7616,
106.8305

■ 72.5925, 56.5206,
98.7696

94.6027, 99.7787,
108.4562

■ 68.1921, 47.9086,
96.7211

94.6837, 99.8112,
108.8829

■ 64.6571, 41.0265,
94.9633

■ 61.9286, 35.7568,
93.4767

■ 59.9406, 31.9672,
92.2392

■ 58.6165, 29.5047,
91.2252

■ 57.8630, 28.1828,
90.4038

■ 57.5894, 27.7574,
89.9365

Harmonies

Analogous

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



79.9763, 79.3491, 115.4252



84.1959, 79.3491, 103.8068



86.0631, 79.3491, 88.4682

Triad

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



84.1959, 79.3491, 103.8068



76.1385, 79.3491, 60.4009



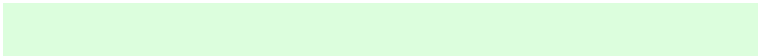
66.6117, 79.3491, 99.8374

Complementary

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



84.1959, 79.3491, 103.8068



78.0113, 91.3220, 81.9262

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.



65.6907, 79.3491, 84.3597



84.1959, 79.3491, 103.8068



71.0381, 79.3491, 62.6969

Square

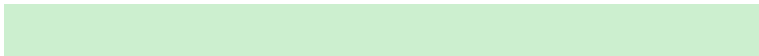
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



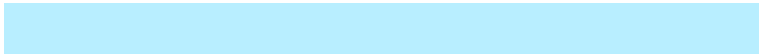
84.1959, 79.3491, 103.8068



81.2751, 79.3491, 64.3704



67.2742, 79.3491, 71.0526



69.8510, 79.3491, 112.9514

Rectangle

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



84.1959, 79.3491, 103.8068



85.6612, 79.3491, 78.6040



67.2742, 79.3491, 71.0526



66.0274, 79.3491, 94.6903

Sweetspot

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



84.1982, 79.3525, 103.8085



91.8336, 93.6445, 107.5897



73.1732, 73.6504, 104.1267



19.5308, 19.7961, 22.9772



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.



84.1982, 79.3525, 103.8085



83.1945, 76.5973, 103.9976



81.6723, 78.3422, 90.5073



18.7682, 18.2906, 22.6626



30.3716, 14.6379, 47.4689



2.9642, 1.4280, 4.6588

Inverse Universe

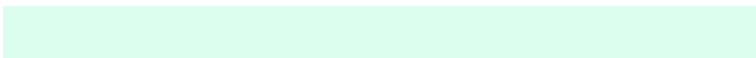
The Inverse Universe completely reimagines the original color for something new.



84.1982, 79.3525, 103.8085



83.1945, 76.5973, 103.9976



80.3289, 92.2491, 94.1304



18.7682, 18.2906, 22.6626



30.3716, 14.6379, 47.4689



2.9642, 1.4280, 4.6588

Previews

White Background



This preview shows how the XYZ color 84.1959, 79.3491, 103.8068 looks on a white background.

Color Contrast Check

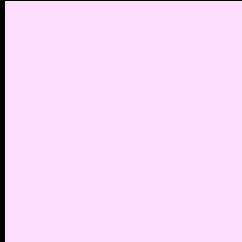
Large Text (above 18pt) WCAG AA × Fail

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 84.1959, 79.3491, 103.8068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

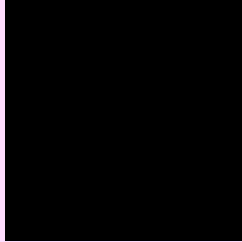
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1959, 79.3491, 103.8068

Background



This preview shows how black text looks on a background with the XYZ color 84.1959, 79.3491, 103.8068.



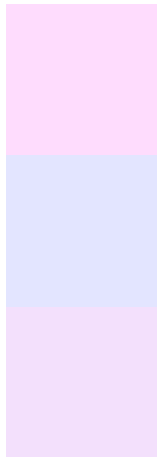
This preview shows how white text looks on a background with the XYZ color 84.1959, 79.3491,

103.8068.

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

84.1959, 79.3491, 103.8068

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

81.1885, 79.3943, 103.1410



Tritanopia

81.9943, 79.2293, 93.4093

Trichromacy



Original Color

84.1959, 79.3491, 103.8068

Protanomaly

80.0108, 79.5530, 104.9042

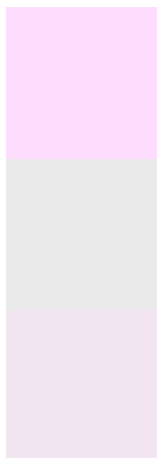
Deuteranomaly

82.3161, 79.5778, 103.1170

Tritanomaly

82.8459, 79.1881, 97.3046

Monochromacy



Original Color

84.1959, 79.3491, 103.8068

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.1721, 81.0903, 94.6456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1959, 79.3491, 103.8068 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(254, 220, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 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(254, 220, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 253) }
```

Border

The CSS property to change the border of an element to XYZ 84.1959, 79.3491, 103.8068 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(254, 220, 253) }
```


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

```
.border{ border-color:rgb(254, 220, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1959, 79.3491, 103.8068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 253) }
```

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

```
.background{ background-color: rgb(254,  
220, 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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