

Converting Colors

XYZ(88.4320, 90.0260,
103.9513)

Have a look what the booklet for
XYZ(88.4320, 90.0260, 103.9513)
contains.

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Color

**XYZ(88.3563, 89.7944,
103.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF0FB
RGB	251, 240, 251
RGB Percent	98%, 94%, 98%
CMY	0.0157, 0.0588, 0.0157
CMYK	0.00, 0.04, 0.00, 0.02
HSL	300°, 58%, 96%
HSV	300°, 4%, 98%
XYZ	88.3563, 89.7944, 103.9420
YIQ	244.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

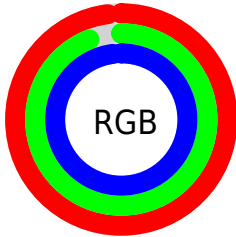
Format	Color
R _Y B	251, 240, 251
Decimal	16511227
CIE Lab	95.91, 5.60, -3.98
CIE LCh	96, 6.872, 324.639
Yxy	89.7944, 0.3132, 0.3183
Android (android.graphics.Color)	4294701307 (0xFFFBF0FB)
YUV	244.5430, 3.1833, 5.6628
Hunter-Lab	94.7599, 0.6076, 1.2968

Details

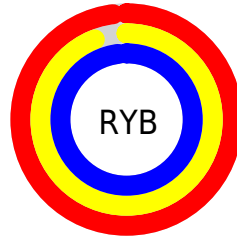
The XYZ color 88.3563, 89.7944, 103.9420 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.1639, 93.8133, 96.0091, and the grayscale version is 86.3998, 90.8993, 98.9893.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2390, 49.6904, 58.6258 is the 20% darker color. If you saturate the color by 10%, you get 81.4734, 76.0275, 101.6488, and if you desaturate by 10%, it is 92.9572, 98.9947, 105.4767.

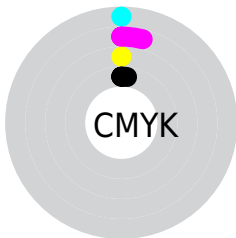
Distribution



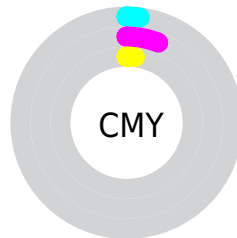
- Red (98%)
- Green (94%)
- Blue (98%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3563, 89.7944, 103.9420 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 88.3563, 89.7944, 103.9420 by changing the saturation by 10% instead.


 88.3563, 89.7944,
103.9420

 88.3563, 89.7944,
103.9420


510.9873,
527.3618, 594.1128

 66.9500, 67.8101,
78.9616


143.9431,
147.0528, 168.6629

 49.3145, 49.7433,
58.3431


178.8543,
183.0957, 209.2404

 35.0846, 35.2095,
41.6680

218.9977,
224.5936, 255.8540

 23.8949, 23.8243,
28.5178

264.7389,
271.9308, 308.9223

 15.3800, 15.2033,
18.4739

316.4430,
325.4919, 368.8638

 9.1745, 8.9622,
11.1178

374.4756,

 4.9132, 4.7165,

385.6612, 436.0970

6.0310

439.2019,
452.8230, 511.0405

■ 2.2307, 2.0819,
2.7948

■ 0.7588, 0.6544,
0.9908

■ 88.3563, 89.7944,
103.9420

■ 88.3563, 89.7944,
103.9420

■ 81.4734, 76.0275,
101.6488

■ 92.9572, 98.9947,
105.4767

■ 75.5683, 64.2173,
99.6805

■ 92.9572, 98.9947,
105.4767

■ 70.5989, 54.2786,
98.0240

■ 92.9573, 98.9948,
105.4767

■ 66.5172, 46.1155,
96.6635

■ 92.9574, 98.9948,
105.4767

63.2711, 39.6233,
95.5815

92.9575, 98.9949,
105.4767

60.8027, 34.6867,
94.7587

92.9576, 98.9949,
105.4767

59.0471, 31.1756,
94.1735

92.9577, 98.9950,
105.4767

57.9287, 28.9388,
93.8007

92.9577, 98.9950,
105.4767

57.3548, 27.7912,
93.6095

92.9578, 98.9951,
105.4767

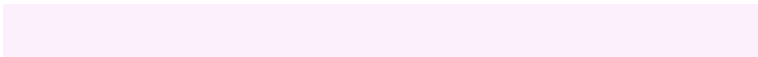
Harmonies

Analogous

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



86.8766, 89.7944, 107.5770



88.3563, 89.7944, 103.9420



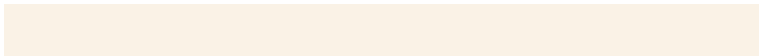
89.0303, 89.7944, 98.7501

Triad

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



88.3563, 89.7944, 103.9420



85.6881, 89.7944, 87.7344



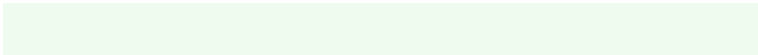
82.0741, 89.7944, 102.1910

Complementary

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



88.3563, 89.7944, 103.9420



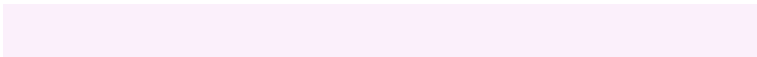
86.1639, 93.8133, 96.0091

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.



81.7665, 89.7944, 96.7980



88.3563, 89.7944, 103.9420



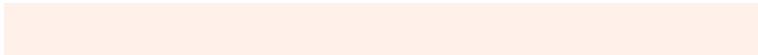
83.8352, 89.7944, 88.5795

Square

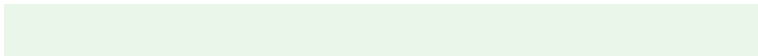
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



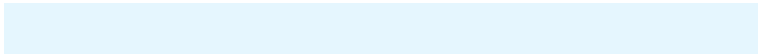
88.3563, 89.7944, 103.9420



87.4753, 89.7944, 89.4965



82.4066, 89.7944, 91.8489



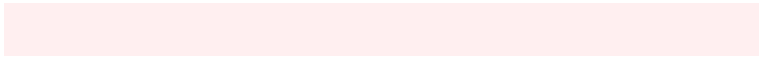
83.2533, 89.7944, 106.5401

Rectangle

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



88.3563, 89.7944, 103.9420



88.9250, 89.7944, 95.1544



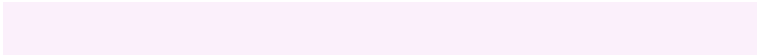
82.4066, 89.7944, 91.8489



81.8661, 89.7944, 100.4348

Sweetspot

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



88.3589, 89.7983, 103.9440



94.2419, 98.3838, 108.6306



84.5658, 87.9230, 103.7819



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

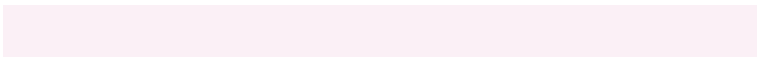
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3589, 89.7983, 103.9440



91.1165, 92.1332, 107.5889



87.5326, 89.4678, 99.5927



18.5628, 18.6640, 22.0094



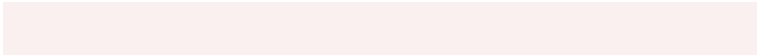
30.0643, 14.4414, 49.1765



2.7845, 1.3375, 4.5546

Inverse Universe

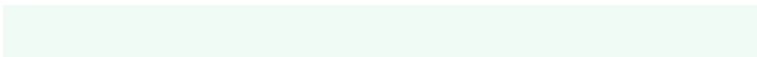
The Inverse Universe completely reimagines the original color for something new.



86.6751, 89.1248, 95.0772



89.1312, 91.3390, 97.1340



86.9653, 94.1339, 100.2290



18.1019, 18.4797, 19.5825



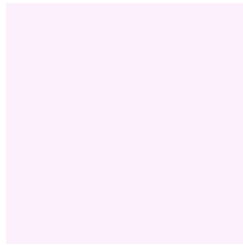
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 88.3563, 89.7944, 103.9420 looks on a white background.

Color Contrast Check

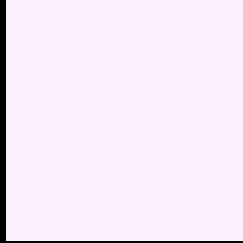
Large Text (above 18pt) WCAG AA × Fail

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 88.3563, 89.7944, 103.9420 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 88.3563, 89.7944, 103.9420

Background



This preview shows how black text looks on a background with the XYZ color 88.3563, 89.7944, 103.9420.



This preview shows how white text looks on a background with the XYZ color 88.3563, 89.7944,

103.9420.

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

88.3563, 89.7944, 103.9420

Protanopia

86.9790, 89.9450, 104.8723

Deuteranopia

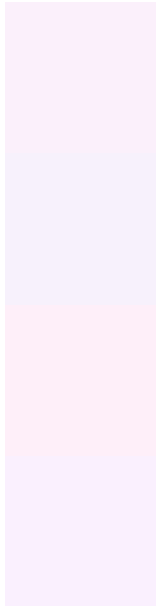
89.0498, 89.7703, 101.4409



Tritanopia

88.6344, 89.8642, 107.2817

Trichromacy



Original Color

88.3563, 89.7944, 103.9420

Protanomaly

87.3838, 89.7130, 104.8062

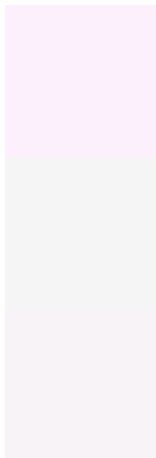
Deuteranomaly

88.8384, 89.6434, 102.2431

Tritanomaly

88.4738, 89.7999, 106.4360

Monochromacy



Original Color

88.3563, 89.7944, 103.9420

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.1969, 90.5907, 100.8857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3563, 89.7944, 103.9420 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(251, 240, 251)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 88.3563, 89.7944, 103.9420 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(251, 240, 251) }
```


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

```
.border{ border-color:rgb(251, 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(251, 240, 251)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 88.3563, 89.7944, 103.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(251,  
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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