

Converting Colors

XYZ(87.3741, 89.2661,
102.9853)

Have a look what the booklet for
XYZ(87.3741, 89.2661, 102.9853)
contains.

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Color

**XYZ(87.4823, 89.3620,
103.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F0FA
RGB	249, 240, 250
RGB Percent	98%, 94%, 98%
CMY	0.0235, 0.0588, 0.0196
CMYK	0.00, 0.04, 0.00, 0.02
HSL	294°, 50%, 96%
HSV	294°, 4%, 98%
XYZ	87.4823, 89.3620, 103.0803
YIQ	243.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

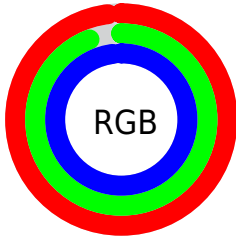
Format	Color
R _Y B	249, 240, 250
Decimal	16380154
CIE Lab	95.73, 4.77, -3.74
CIE LCh	96, 6.059, 321.863
Yxy	89.3620, 0.3125, 0.3192
Android (android.graphics.Color)	4294570234 (0xFF9F0FA)
YUV	243.8310, 3.0413, 4.5332
Hunter-Lab	94.5315, -0.2408, 1.5202

Details

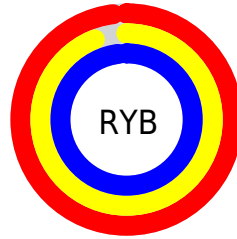
The XYZ color **87.4823, 89.3620, 103.0803** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.1928, 93.3657, 95.9211**, and the grayscale version is **85.8314, 90.3013, 98.3382**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.8704, 49.5135, 58.0202** is the 20% darker color. If you saturate the color by 10%, you get **79.7392, 75.1894, 100.7542**, and if you desaturate by 10%, it is **92.9806, 99.0250, 104.6570**.

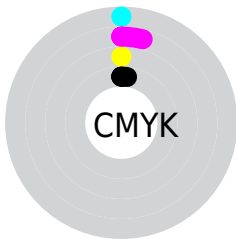
Distribution



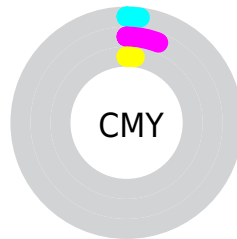
- Red (98%)
- Green (94%)
- Blue (98%)



- 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 87.4823, 89.3620, 103.0803 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 87.4823, 89.3620, 103.0803 by changing the saturation by 10% instead.

87.4823, 89.3620,
103.0803

87.4823, 89.3620,
103.0803

508.1672,
525.9533, 591.3547

66.2238, 67.4516,
78.2443

142.7324,
146.4519, 167.4725

48.7225, 49.4517,
57.7571

177.4547,
182.4001, 207.8658

34.6130, 34.9780,
41.2000

217.3956,
223.7965, 254.2820

23.5300, 23.6459,
28.1545

262.9205,
271.0253, 307.1396

15.1082, 15.0712,
18.2021

314.3948,
324.4710, 366.8571

8.9822, 8.8693,
10.9242

372.1838,

4.7866, 4.6561,

384.5180, 433.8531

5.9024

436.6528,
451.5506, 508.5461

■ 2.1561, 2.0469,
2.7180

■ 0.7194, 0.6345,
0.9525

■ 87.4823, 89.3620,
103.0803

■ 87.4823, 89.3620,
103.0803

■ 79.7392, 75.1894,
100.7542

■ 92.9806, 99.0250,
104.6570

■ 72.9781, 62.9644,
98.7508

■ 93.8901, 99.4938,
104.6995

■ 67.1575, 52.6029,
97.0577

■ 94.2556, 99.6822,
104.7167

■ 62.2299, 44.0100,
95.6588

■ 58.1437, 37.0826,
94.5370

■ 54.8419, 31.7068,
93.6734

■ 52.2605, 27.7544,
93.0466

■ 50.3250, 25.0768,
92.6317

■ 48.9445, 23.4922,
92.3986

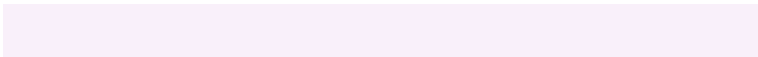
Harmonies

Analogous

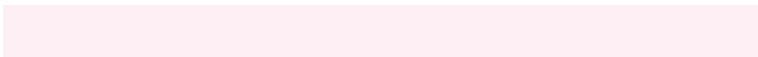
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1353, 89.3620, 106.0715



87.4823, 89.3620, 103.0803



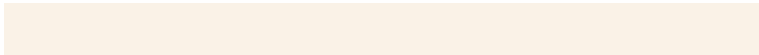
88.1490, 89.3620, 98.6052

Triad

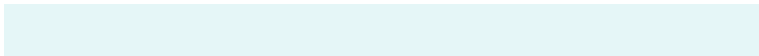
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4823, 89.3620, 103.0803



85.3904, 89.3620, 88.4918



81.9954, 89.3620, 100.7591

Complementary

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



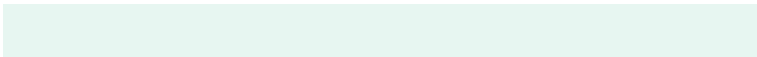
87.4823, 89.3620, 103.0803



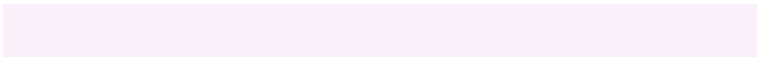
86.1928, 93.3657, 95.9211

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.



81.8019, 89.3620, 96.0064



87.4823, 89.3620, 103.0803



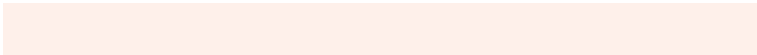
83.7477, 89.3620, 89.0259

Square

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



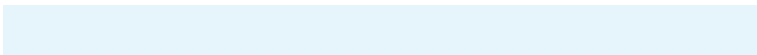
87.4823, 89.3620, 103.0803



86.9309, 89.3620, 90.2562



82.4394, 89.3620, 91.7400



82.9716, 89.3620, 104.7011

Rectangle

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



87.4823, 89.3620, 103.0803



88.1119, 89.3620, 95.4248



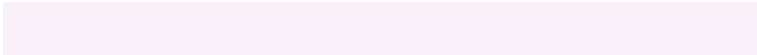
82.4394, 89.3620, 91.7400



81.8372, 89.3620, 99.1996

Sweetspot

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



87.4849, 89.3658, 103.0822



94.1481, 98.3354, 108.6262



84.6990, 88.4410, 103.0506



20.1611, 21.0654, 23.2534



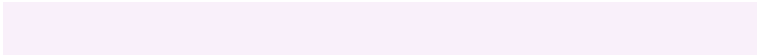
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

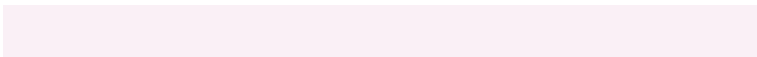
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4849, 89.3658, 103.0822



90.6488, 91.8921, 107.5670



87.2474, 89.3121, 99.9661



18.4538, 18.6078, 22.0043



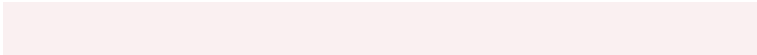
25.6916, 12.1872, 48.9718



2.4275, 1.1535, 4.5379

Inverse Universe

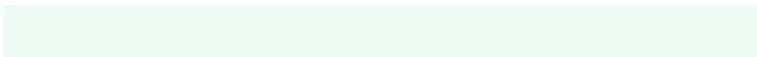
The Inverse Universe completely reimagines the original color for something new.



86.4648, 88.9991, 95.8450



89.3238, 91.4161, 98.1480



86.4277, 93.4203, 98.9354



18.1464, 18.4975, 19.8168



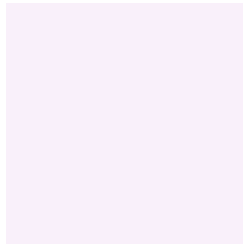
21.0284, 10.8271, 1.5922



1.9703, 1.0119, 0.2673

Previews

White Background



This preview shows how the XYZ color 87.4823, 89.3620, 103.0803 looks on a white background.

Color Contrast Check

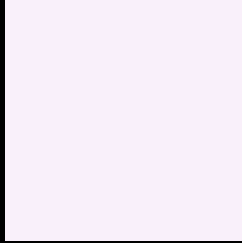
Large Text (above 18pt) WCAG AA × Fail

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 87.4823, 89.3620, 103.0803 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

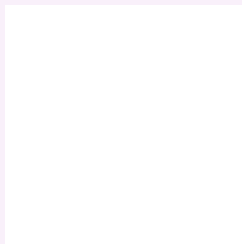
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.4823, 89.3620, 103.0803

Background



This preview shows how black text looks on a background with the XYZ color 87.4823, 89.3620, 103.0803.

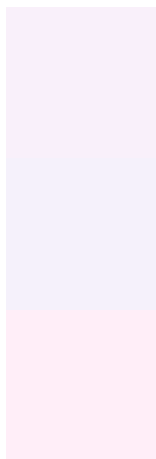


This preview shows how white text looks on a background with the XYZ color 87.4823, 89.3620,

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

87.4823, 89.3620, 103.0803

Protanopia

86.5241, 89.2881, 103.9408

Deuteranopia

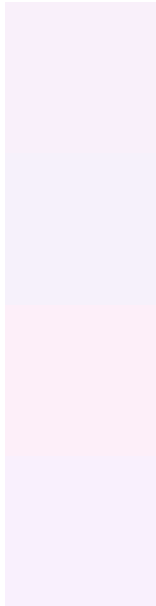
88.7578, 89.1864, 101.3436



Tritanopia

88.2770, 89.6799, 107.2650

Trichromacy



Original Color

87.4823, 89.3620, 103.0803

Protanomaly

86.8739, 89.4685, 103.9572

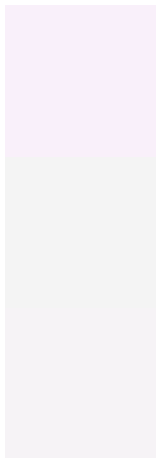
Deuteranomaly

88.4734, 89.4552, 102.2261

Tritanomaly

87.9566, 89.5518, 105.5779

Monochromacy



Original Color

87.4823, 89.3620, 103.0803

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.6912, 90.3478, 100.0585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4823, 89.3620, 103.0803 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(249, 240, 250) looks like.

```
.text, #text, p{  
    color:rgb(249, 240, 250)  
}
```

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(249, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 87.4823, 89.3620, 103.0803 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(249, 240, 250) }
```


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

```
.border{ border-color:rgb(249, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4823, 89.3620, 103.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 240, 250) }
```

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

```
.background{ background-color: rgb(249,  
240, 250) }
```

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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