

Converting Colors

XYZ(89.0183, 89.9880,
103.6296)

Have a look what the booklet for
XYZ(89.0183, 89.9880, 103.6296)
contains.

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Color

**XYZ(89.0807, 90.1679,
103.9759)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF0FB
RGB	253, 240, 251
RGB Percent	99%, 94%, 98%
CMY	0.0078, 0.0588, 0.0157
CMYK	0.00, 0.05, 0.01, 0.01
HSL	309°, 76%, 97%
HSV	309°, 5%, 99%
XYZ	89.0807, 90.1679, 103.9759
YIQ	245.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

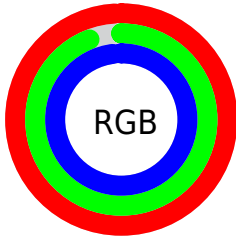
Format	Color
R _Y B	253, 240, 251
Decimal	16642299
CIE Lab	96.07, 6.27, -3.73
CIE LCh	96, 7.293, 329.228
Yxy	90.1679, 0.3145, 0.3184
Android (android.graphics.Color)	4294832379 (0xFFFD0FB)
YUV	245.1410, 2.8885, 6.8923
Hunter-Lab	94.9568, 1.2798, 1.5483

Details

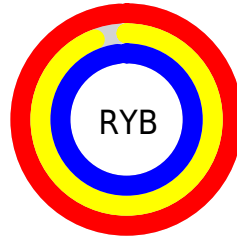
The XYZ color **89.0807, 90.1679, 103.9759** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.0909, 95.1890, 97.7922**, and the grayscale version is **86.8819, 91.4065, 99.5417**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.7558, 49.9569, 58.6500** is the 20% darker color. If you saturate the color by 10%, you get **81.5394, 76.0562, 98.4660**, and if you desaturate by 10%, it is **94.3017, 99.6162, 108.7769**.

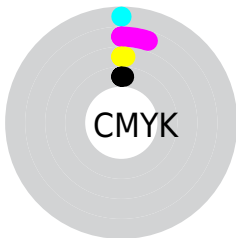
Distribution



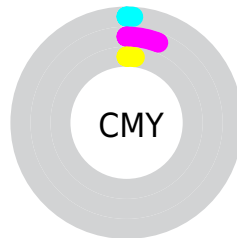
- Red (99%)
- Green (94%)
- Blue (98%)



- Red (99%)
- Yellow (94%)
- Blue (98%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (1%)





- Cyan (1%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.0807, 90.1679, 103.9759 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 89.0807, 90.1679, 103.9759 by changing the saturation by 10% instead.


 89.0807, 90.1679,
103.9759

 89.0807, 90.1679,
103.9759


513.3184,
528.5769, 594.2211

 67.5522, 68.1199,
78.9898


144.9456,
147.5716, 168.7097

 49.8059, 49.9953,
58.3661

180.0128,
183.6961, 209.2944

 35.4763, 35.4097,
41.6864


220.3235,
225.2815, 255.9158

 24.1983, 23.9786,
28.5321

266.2432,
272.7123, 308.9924

 15.6063, 15.3178,
18.4846

318.1372,
326.3729, 368.9427

 9.3351, 9.0427,
11.1255

376.3708,

 5.0192, 4.7690,

386.6475, 436.1852

6.0360

441.3094,
453.9207, 511.1385

■ 2.2934, 2.1124,
2.7979

■ 0.7913, 0.6716,
0.9924

■ 89.0807, 90.1679,
103.9759

■ 89.0807, 90.1679,
103.9759

■ 81.5394, 76.0562,
98.4660

94.3017, 99.6162,
108.7769

■ 75.0037, 63.9370,
93.3520

94.3186, 99.6229,
108.8658

■ 69.4304, 53.7226,
88.6205

■ 64.7703, 45.3148,
84.2545

■ 60.9696, 38.6060,
80.2357

■ 57.9689, 33.4776,
76.5441

■ 55.7011, 29.7955,
73.1567

■ 54.0880, 27.4036,
70.0473

■ 53.0333, 26.1091,
67.1832

Harmonies

Analogous

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



87.6114, 90.1679, 108.2025



89.0807, 90.1679, 103.9759



89.6423, 90.1679, 98.3273

Triad

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



89.0807, 90.1679, 103.9759



85.7542, 90.1679, 87.4754



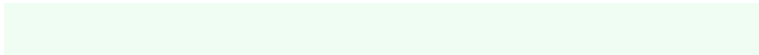
82.3587, 90.1679, 103.7067

Complementary

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



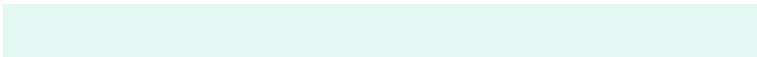
89.0807, 90.1679, 103.9759



87.0909, 95.1890, 97.7922

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.



81.8787, 90.1679, 98.0279



89.0807, 90.1679, 103.9759



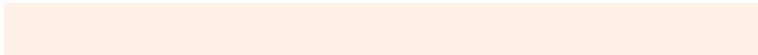
83.8203, 90.1679, 88.7917

Square

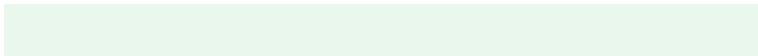
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



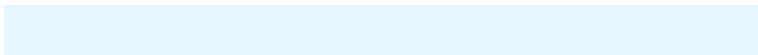
89.0807, 90.1679, 103.9759



87.7033, 90.1679, 88.9317



82.4096, 90.1679, 92.5988



83.7312, 90.1679, 108.0429

Rectangle

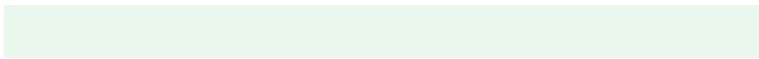
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



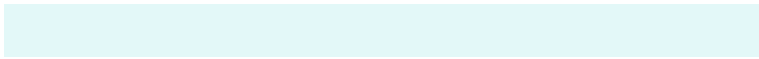
89.0807, 90.1679, 103.9759



89.4197, 90.1679, 94.5615



82.4096, 90.1679, 92.5988



82.0886, 90.1679, 101.8846

Sweetspot

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



89.0833, 90.1718, 103.9779



93.3184, 96.7386, 107.7007



85.4943, 88.2850, 105.4645



19.9921, 20.7402, 23.0650



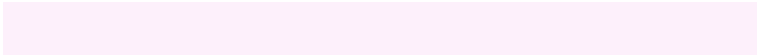
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

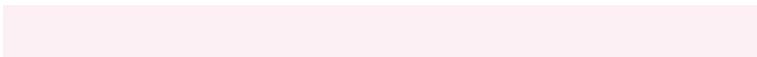
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0833, 90.1718, 103.9779



89.9850, 90.4730, 105.3530



88.0839, 89.7720, 98.7152



19.1475, 19.1529, 22.4692



28.0542, 13.7110, 35.2656



2.7626, 1.3474, 3.5970

Inverse Universe

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



89.0833, 90.1718, 103.9779



89.9850, 90.4730, 105.3530



88.0767, 95.5833, 102.9833



19.1475, 19.1529, 22.4692



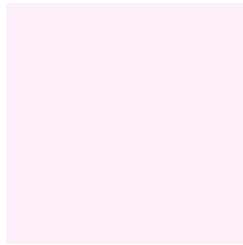
28.0542, 13.7110, 35.2656



2.7626, 1.3474, 3.5970

Previews

White Background



This preview shows how the XYZ color 89.0807, 90.1679, 103.9759 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 89.0807, 90.1679, 103.9759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

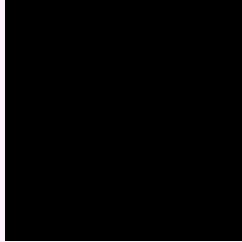
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.0807, 90.1679, 103.9759

Background



This preview shows how black text looks on a background with the XYZ color 89.0807, 90.1679, 103.9759.



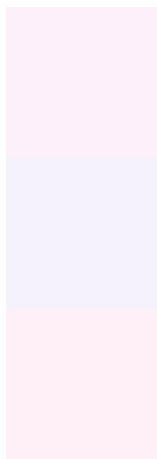
This preview shows how white text looks on a background with the XYZ color 89.0807, 90.1679,

103.9759.

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

89.0807, 90.1679, 103.9759

Protanopia

86.9790, 89.9450, 104.8723

Deuteranopia

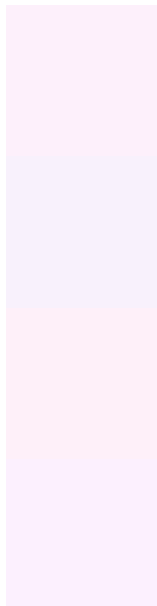
89.3434, 90.3575, 101.5388



Tritanopia

89.3550, 90.2356, 107.3154

Trichromacy



Original Color

89.0807, 90.1679, 103.9759

Protanomaly

87.7374, 89.8953, 104.8227

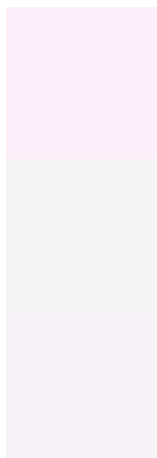
Deuteranomaly

89.1320, 90.2306, 102.3410

Tritanomaly

89.1944, 90.1714, 106.4697

Monochromacy



Original Color

89.0807, 90.1679, 103.9759

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.5505, 90.7730, 100.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.0807, 90.1679, 103.9759 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(253, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 240, 251) }
```

Border

The CSS property to change the border of an element to XYZ 89.0807, 90.1679, 103.9759 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(253, 240, 251) }
```


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

```
.border{ border-color:rgb(253, 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(253, 240, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(253, 240,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 89.0807, 90.1679, 103.9759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 240, 251) }
```

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

```
.background{ background-color: rgb(253,  
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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