

Converting Colors

XYZ(90.1146, 93.4345,
106.9161)

Have a look what the booklet for
XYZ(90.1146, 93.4345, 106.9161)
contains.

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Color

**XYZ(89.9121, 93.2070,
107.0178)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F6FE
RGB	249, 246, 254
RGB Percent	98%, 96%, 100%
CMY	0.0235, 0.0353, 0.0039
CMYK	0.02, 0.03, 0.00, 0.00
HSL	262°, 80%, 98%
HSV	262°, 3%, 100%
XYZ	89.9121, 93.2070, 107.0178
YIQ	247.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

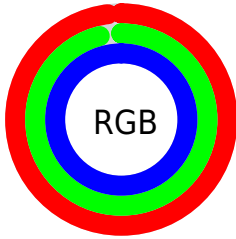
Format	Color
R _Y B	249, 246, 254
Decimal	16381694
CIE Lab	97.31, 2.42, -3.49
CIE LCh	97, 4.242, 304.728
Yxy	93.2070, 0.3099, 0.3213
Android (android.graphics.Color)	4294571774 (0xFF9F6FE)
YUV	247.8090, 3.0522, 1.0445
Hunter-Lab	96.5438, -2.7129, 1.8583

Details

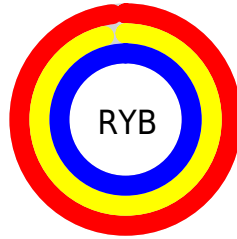
The XYZ color 89.9121, 93.2070, 107.0178 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.8634, 98.0491, 101.2771, and the grayscale version is 89.0458, 93.6831, 102.0209.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4838, 52.1956, 60.2373 is the 20% darker color. If you saturate the color by 10%, you get 77.2853, 76.0045, 104.3643, and if you desaturate by 10%, it is 94.8897, 99.9359, 108.0557.

Distribution



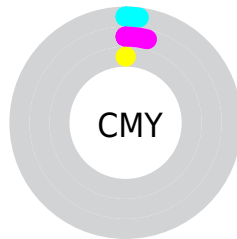
- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.9121, 93.2070, 107.0178 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 89.9121, 93.2070, 107.0178 by changing the saturation by 10% instead.


 89.9121, 93.2070,
107.0178

 89.9121, 93.2070,
107.0178


515.9870,
538.4088, 603.9034

 68.2438, 70.6436,
81.5248


146.0953,
151.7852, 172.9040

 50.3705, 52.0514,
60.4403


181.3408,
188.5687, 214.1342

 35.9269, 37.0460,
43.3460

221.8428,
230.8610, 261.4473

 24.5476, 25.2431,
29.8233

267.9666,
279.0466, 315.2616

 15.8672, 16.2583,
19.4536

320.0776,
333.5097, 375.9959

 9.5205, 9.7071,
11.8184

378.5411,

 5.1420, 5.2052,

394.6349, 444.0686

6.4991

443.7224,
462.8065, 519.8983

■ 2.3664, 2.3682,
3.0772

■ 0.8283, 0.8094,
1.1342

■ 89.9121, 93.2070,
107.0178

■ 89.9121, 93.2070,
107.0178

■ 77.2853, 76.0045,
104.3643

94.8897, 99.9359,
108.0557

■ 66.1365, 61.0662,
102.0685

■ 56.4106, 48.2990,
100.1168

■ 48.0459, 37.5984,
98.4922

■ 40.9759, 28.8510,
97.1765

■ 35.1279, 21.9324,
96.1493

■ 30.4213, 16.7032,
95.3880

■ 26.7642, 13.0027,
94.8665

■ 24.0473, 10.6372,
94.5531

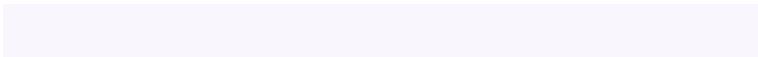
Harmonies

Analogous

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



88.7809, 93.2070, 108.2191



89.9121, 93.2070, 107.0178



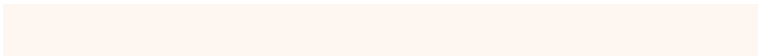
90.6945, 93.2070, 104.3353

Triad

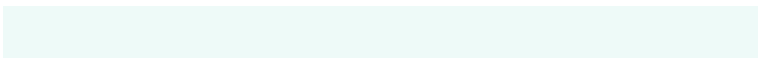
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9121, 93.2070, 107.0178



89.5796, 93.2070, 95.6246



86.3097, 93.2070, 102.0325

Complementary

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



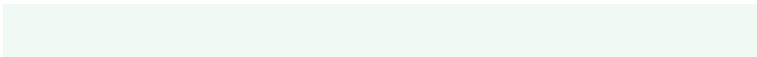
89.9121, 93.2070, 107.0178



91.8634, 98.0491, 101.2771

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.



86.5192, 93.2070, 98.6902



89.9121, 93.2070, 107.0178



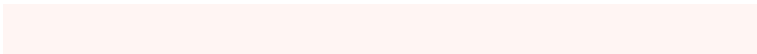
88.4003, 93.2070, 95.0392

Square

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



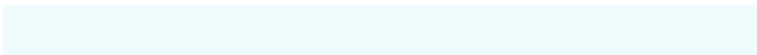
89.9121, 93.2070, 107.0178



90.5013, 93.2070, 97.7666



87.2818, 93.2070, 96.1493



86.7067, 93.2070, 105.2998

Rectangle

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



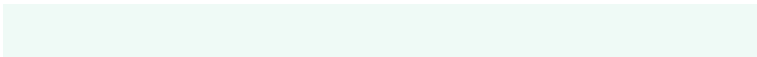
89.9121, 93.2070, 107.0178



90.9091, 93.2070, 102.0952



87.2818, 93.2070, 96.1493



86.3115, 93.2070, 100.8803

Sweetspot

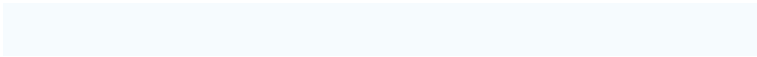
The Sweet Spot groups the original color and five complimentary colors.



89.9148, 93.2110, 107.0198



93.6577, 98.0826, 108.6033



90.4167, 95.7877, 107.4907



20.0613, 21.0139, 23.2487



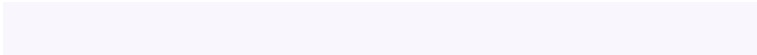
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.9148, 93.2110, 107.0198



89.5742, 92.4742, 107.7360



91.3317, 93.9415, 107.0861



18.9581, 19.4995, 23.0145



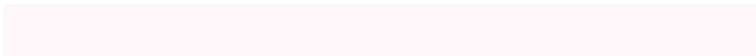
12.0789, 5.1374, 49.7896



1.2923, 0.5601, 4.8533

Inverse Universe

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



91.2446, 93.9516, 104.5967



91.2726, 93.4201, 104.6353



90.4609, 97.3261, 101.2114



19.3884, 19.7392, 22.2275



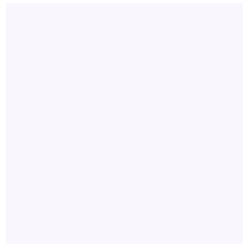
24.9140, 12.4549, 18.7293



2.4788, 1.2339, 2.1028

Previews

White Background



This preview shows how the XYZ color 89.9121, 93.2070, 107.0178 looks on a white background.

Color Contrast Check

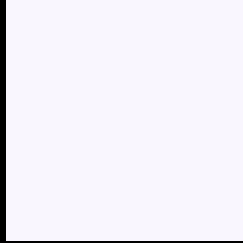
Large Text (above 18pt) WCAG AA × Fail

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 89.9121, 93.2070, 107.0178 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

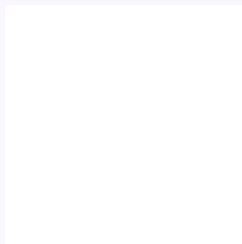
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.9121, 93.2070, 107.0178

Background



This preview shows how black text looks on a background with the XYZ color 89.9121, 93.2070, 107.0178.



This preview shows how white text looks on a background with the XYZ color 89.9121, 93.2070,

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

89.9121, 93.2070, 107.0178

Protanopia

90.2695, 93.3913, 107.0345

Deuteranopia

90.8460, 92.8635, 103.5788

Tritanopia

90.0727, 93.2713, 107.8636

Trichromacy

Original Color

89.9121, 93.2070, 107.0178

Protanomaly

90.2695, 93.3913, 107.0345

Deuteranomaly

90.5730, 93.1525, 104.4733

Tritanomaly

90.0727, 93.2713, 107.8636

Monochromacy

Original Color

89.9121, 93.2070, 107.0178

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.2275, 93.3801, 103.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9121, 93.2070, 107.0178 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, 246, 254) looks like.

```
.text, #text, p{  
    color:rgb(249, 246, 254)  
}
```

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, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 246, 254) }
```

Border

The CSS property to change the border of an element to XYZ 89.9121, 93.2070, 107.0178 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, 246, 254) }
```


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

```
.border{ border-color:rgb(249, 246, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(249, 246,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9121, 93.2070, 107.0178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 246, 254) }
```

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

```
.background{ background-color: rgb(249,  
246, 254) }
```

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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