

Converting Colors

XYZ(90.7384, 94.3253,
106.3962)

Have a look what the booklet for
XYZ(90.7384, 94.3253, 106.3962)
contains.

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Color

**XYZ(90.4147, 93.9374,
106.2949)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF7FD
RGB	250, 247, 253
RGB Percent	98%, 97%, 99%
CMY	0.0196, 0.0313, 0.0078
CMYK	0.01, 0.02, 0.00, 0.01
HSL	270°, 60%, 98%
HSV	270°, 2%, 99%
XYZ	90.4147, 93.9374, 106.2949
YIQ	248.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

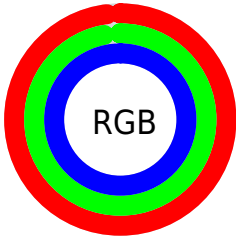
Format	Color
R _Y B	250, 247, 253
Decimal	16447485
CIE Lab	97.61, 2.06, -2.53
CIE LCh	98, 3.260, 309.128
Yxy	93.9374, 0.3111, 0.3232
Android (android.graphics.Color)	4294637565 (0xFFFAF7FD)
YUV	248.5810, 2.1786, 1.2445
Hunter-Lab	96.9213, -3.0955, 2.8208

Details

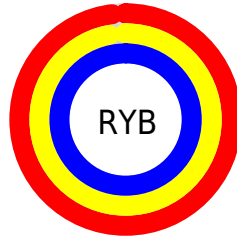
The XYZ color 90.4147, 93.9374, 106.2949 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.3418, 97.2926, 101.9656, and the grayscale version is 89.6838, 94.3544, 102.7519.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.8427, 52.7165, 59.7201 is the 20% darker color. If you saturate the color by 10%, you get 78.8123, 77.2418, 103.6852, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2144.

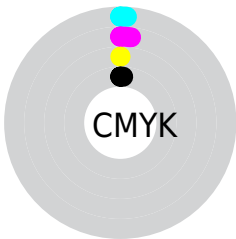
Distribution



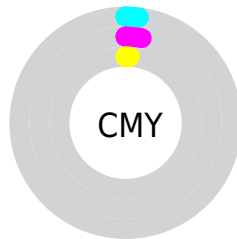
- Red (98%)
- Green (97%)
- Blue (99%)



- Red (98%)
- Yellow (97%)
- Blue (99%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (2%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.4147, 93.9374, 106.2949 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 90.4147, 93.9374, 106.2949 by changing the saturation by 10% instead.

90.4147, 93.9374,
106.2949

90.4147, 93.9374,
106.2949

517.5967,
540.7576, 601.6098

68.6621, 71.2509,
80.9219

146.7897,
152.7958, 171.9083

50.7122, 52.5470,
59.9467

182.1428,
189.7364, 212.9858

36.1997, 37.4412,
42.9506

222.7601,
232.1972, 260.1352

24.7593, 25.5493,
29.5153

269.0069,
280.5626, 313.7751

16.0256, 16.4868,
19.2220

321.2486,
335.2169, 374.3239

9.6332, 9.8693,
11.6524

379.8506,

5.2169, 5.3124,

396.5446, 442.2003

6.3878

445.1782,
464.9300, 517.8228

■ 2.4111, 2.4317,
3.0097

■ 0.8507, 0.8421,
1.0996

■ 90.4147, 93.9374,
106.2949

■ 90.4147, 93.9374,
106.2949

■ 78.8123, 77.2418,
103.6852

94.7299, 99.8720,
107.2144

■ 68.5137, 62.7115,
101.4234

■ 59.4704, 50.2579,
99.4963

■ 51.6281, 39.7814,
97.8874

■ 44.9280, 31.1740,
96.5792

■ 39.3055, 24.3169,
95.5519

■ 34.6892, 19.0772,
94.7839

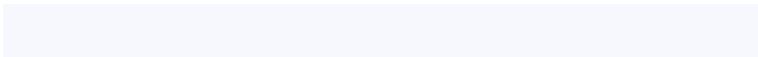
■ 30.9971, 15.3022,
94.2498

■ 28.1314, 12.8075,
93.9194

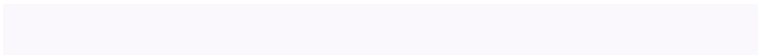
Harmonies

Analogous

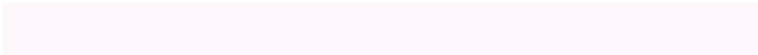
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5679, 93.9374, 107.4074



90.4147, 93.9374, 106.2949



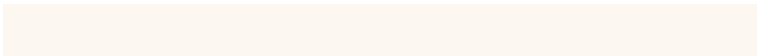
90.9612, 93.9374, 104.1122

Triad

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



90.4147, 93.9374, 106.2949



89.9215, 93.9374, 97.5839



87.5356, 93.9374, 103.0941

Complementary

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



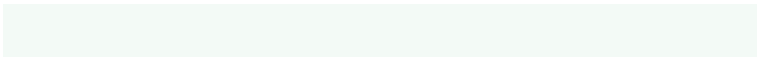
90.4147, 93.9374, 106.2949



91.3418, 97.2926, 101.9656

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.



87.6288, 93.9374, 100.4731



90.4147, 93.9374, 106.2949



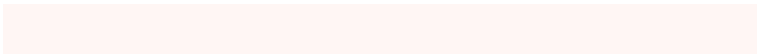
89.0021, 93.9374, 97.3220

Square

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



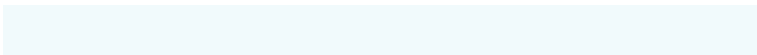
90.4147, 93.9374, 106.2949



90.6751, 93.9374, 99.0929



88.1641, 93.9374, 98.3711



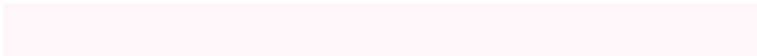
87.9085, 93.9374, 105.5386

Rectangle

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



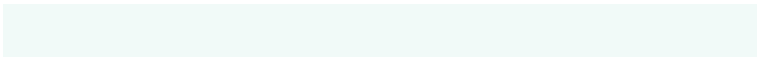
90.4147, 93.9374, 106.2949



91.0796, 93.9374, 102.3596



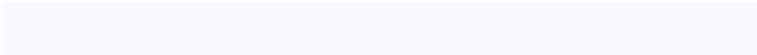
88.1641, 93.9374, 98.3711



87.5135, 93.9374, 102.2041

Sweetspot

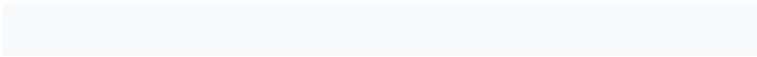
The Sweet Spot groups the original color and five complimentary colors.



90.4174, 93.9414, 106.2969



93.7740, 98.1426, 108.6087



90.3077, 95.3029, 106.5655



20.0850, 21.0261, 23.2498



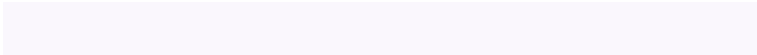
0.0000, 0.0000, 0.0000



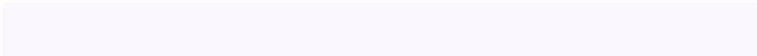
20.3446, 21.4041, 23.3091

Same Dimension

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



90.4174, 93.9414, 106.2969



91.2636, 94.4970, 108.0374



91.4648, 94.4814, 106.3460



19.3221, 19.9189, 23.0763



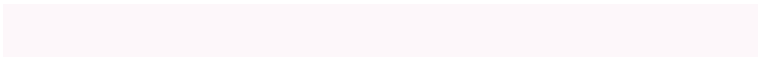
14.2083, 6.2351, 49.8892



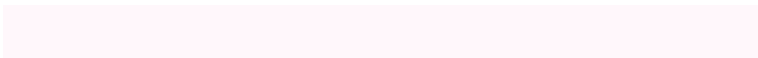
1.5093, 0.6720, 4.8634

Inverse Universe

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



91.0275, 94.3107, 103.8537



92.0486, 94.9721, 104.8939



90.3104, 96.7608, 101.9174



19.5344, 20.0475, 22.2259



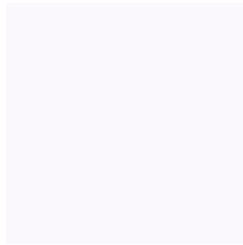
23.6463, 11.9478, 12.0537



2.3575, 1.1854, 1.4639

Previews

White Background



This preview shows how the XYZ color 90.4147, 93.9374, 106.2949 looks on a white background.

Color Contrast Check

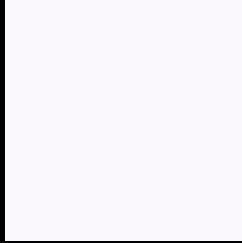
Large Text (above 18pt) WCAG AA × Fail

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 90.4147, 93.9374, 106.2949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

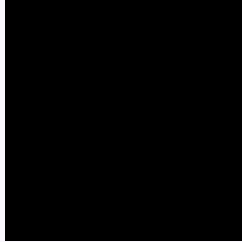
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.4147, 93.9374, 106.2949

Background



This preview shows how black text looks on a background with the XYZ color 90.4147, 93.9374, 106.2949.



This preview shows how white text looks on a background with the XYZ color 90.4147, 93.9374,

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

90.4147, 93.9374, 106.2949

Protanopia

90.7740, 94.1226, 106.3117

Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

90.7351, 94.0655, 107.9820

Trichromacy

Original Color

90.4147, 93.9374, 106.2949

Protanomaly

90.7740, 94.1226, 106.3117

Deuteranomaly

90.8764, 93.7592, 104.5744

Tritanomaly

90.5745, 94.0013, 107.1362

Monochromacy

Original Color

90.4147, 93.9374, 106.2949

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.8896, 94.1767, 103.8827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.4147, 93.9374, 106.2949 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(250, 247, 253) looks like.

```
.text, #text, p{  
    color:rgb(250, 247, 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(250, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 247, 253) }
```

Border

The CSS property to change the border of an element to XYZ 90.4147, 93.9374, 106.2949 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(250, 247, 253) }
```


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

```
.border{ border-color:rgb(250, 247, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 247, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(250, 247,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 90.4147, 93.9374, 106.2949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 247, 253) }
```

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

```
.background{ background-color: rgb(250,  
247, 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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