

# Converting Colors

XYZ(90.5399, 93.5576,  
104.4114)

Have a look what the booklet for  
XYZ(90.5399, 93.5576, 104.4114)  
contains.

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# **Color**

**XYZ(90.5132, 93.5720,  
104.5574)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCF6FB
RGB	252, 246, 251
RGB Percent	99%, 96%, 98%
CMY	0.0118, 0.0353, 0.0157
CMYK	0.00, 0.02, 0.00, 0.01
HSL	310°, 50%, 98%
HSV	310°, 2%, 99%
XYZ	90.5132, 93.5720, 104.5574
YIQ	248.3640, 1.9710, 2.8270

# Conversions

## Conversions Part 2

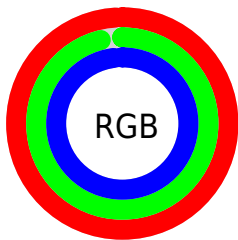
Format	Color
R <sub>Y</sub> B	252, 246, 251
Decimal	16578299
CIE Lab	97.46, 2.87, -1.70
CIE LCh	97, 3.335, 329.429
Yxy	93.5720, 0.3136, 0.3242
Android (android.graphics.Color)	4294768379 (0xFFFCF6FB)
YUV	248.3640, 1.2995, 3.1888
Hunter-Lab	96.7326, -2.2587, 3.6268

# Details

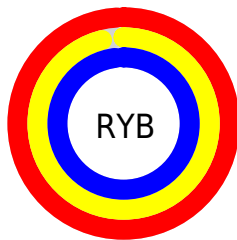
The XYZ color 90.5132, 93.5720, 104.5574 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6084, 95.9314, 101.7942, and the grayscale version is 89.5118, 94.1734, 102.5548.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.7695, 52.3691, 59.0622 is the 20% darker color. If you saturate the color by 10%, you get 82.7081, 79.0091, 98.7243, and if you desaturate by 10%, it is 93.9554, 99.4357, 108.8488.

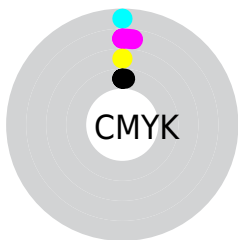
# Distribution



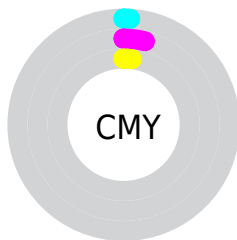
- Red (99%)
- Green (96%)
- Blue (98%)



- Red (99%)
- Yellow (96%)
- Blue (98%)



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




- Cyan (1%)
- Magenta (4%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 90.5132, 93.5720, 104.5574 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 90.5132, 93.5720, 104.5574 by changing the saturation by 10% instead.




 90.5132, 93.5720,  
104.5574

 90.5132, 93.5720,  
104.5574


517.9119,  
539.5832, 596.0784

 68.7440, 70.9470,  
79.4740


146.9258,  
152.2903, 169.5124

 50.7792, 52.2990,  
58.7620


182.2999,  
189.1524, 210.2211

 36.2532, 37.2434,  
42.0028

222.9397,  
231.5290, 256.9754

 24.8008, 25.3960,  
28.7779

269.2106,  
279.8045, 310.1937

 16.0567, 16.3724,  
18.6687

321.4779,  
334.3632, 370.2946

 9.6554, 9.7880,  
11.2568

380.1070,

 5.2316, 5.2586,

395.5897, 437.6967

6.1235

445.4632,  
463.8682, 512.8184

■ 2.4199, 2.3998,  
2.8503

■ 0.8550, 0.8258,  
1.0187

■ 90.5132, 93.5720,  
104.5574

■ 90.5132, 93.5720,  
104.5574

■ 82.7081, 79.0091,  
98.7243

93.9554, 99.4357,  
108.8488

■ 75.9133, 66.4446,  
93.2988

■ 70.0869, 55.7937,  
88.2678

■ 65.1810, 46.9609,  
83.6149

■ 61.1438, 39.8424,  
79.3222

■ 57.9182, 34.3243,  
75.3702

■ 55.4400, 30.2784,  
71.7371

■ 53.6352, 27.5570,  
68.3977

■ 52.4146, 25.9816,  
65.3217

# Harmonies

## Analogous

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



89.8344, 93.5720, 106.4903



90.5132, 93.5720, 104.5574



90.7692, 93.5720, 101.9360

# Triad

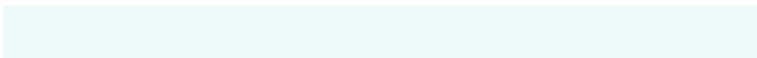
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.5132, 93.5720, 104.5574



88.9555, 93.5720, 96.7616



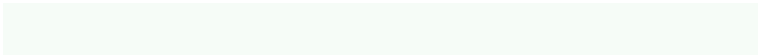
87.3620, 93.5720, 104.4659

# Complementary

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



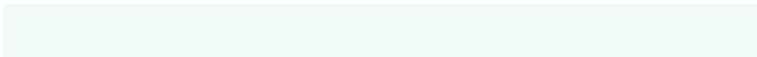
90.5132, 93.5720, 104.5574



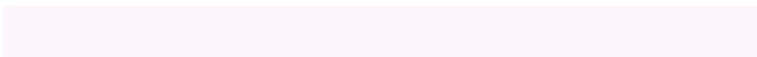
89.6084, 95.9314, 101.7942

# 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.



87.1303, 93.5720, 101.8321



90.5132, 93.5720, 104.5574



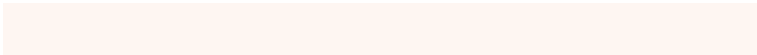
88.0464, 93.5720, 97.4125

# Square

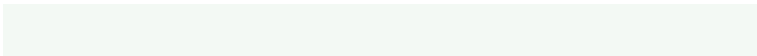
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.5132, 93.5720, 104.5574



89.8660, 93.5720, 97.4629



87.3800, 93.5720, 99.2566

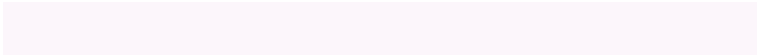


88.0152, 93.5720, 106.4368

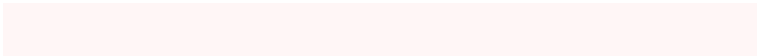


# Rectangle

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



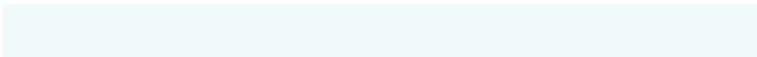
90.5132, 93.5720, 104.5574



90.6643, 93.5720, 100.1605



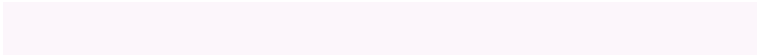
87.3800, 93.5720, 99.2566



87.2325, 93.5720, 103.6272

# Sweetspot

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



90.5159, 93.5760, 104.5594



94.1735, 98.3564, 108.2704



88.8881, 92.7186, 105.3083



20.1662, 21.0696, 23.1810



0.0000, 0.0000, 0.0000

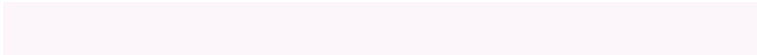


20.3446, 21.4041, 23.3091



# Same Dimension

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



90.5159, 93.5760, 104.5594



92.4531, 95.1339, 107.0244



90.0470, 93.3885, 102.0904



18.8063, 19.2358, 21.8291



27.0174, 13.2227, 33.1298

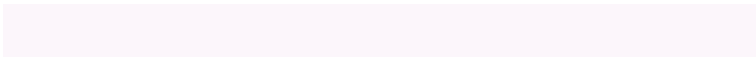


2.5342, 1.2374, 3.2365



# Inverse Universe

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



90.5159, 93.5760, 104.5594



92.4531, 95.1339, 107.0244



90.0748, 96.1180, 104.2501



18.8063, 19.2358, 21.8291



27.0174, 13.2227, 33.1298

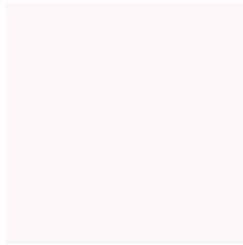


2.5342, 1.2374, 3.2365



# Previews

## White Background



This preview shows how the XYZ color 90.5132, 93.5720, 104.5574 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

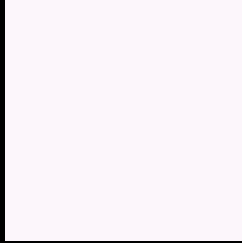
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 90.5132, 93.5720, 104.5574 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

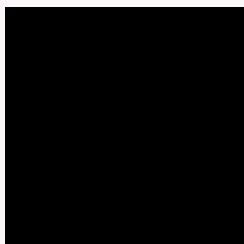
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 90.5132, 93.5720, 104.5574

## Background



This preview shows how black text looks on a background with the XYZ color 90.5132, 93.5720, 104.5574.



This preview shows how white text looks on a background with the XYZ color 90.5132, 93.5720,



# 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

90.5132, 93.5720, 104.5574

### Protanopia

90.1520, 93.3858, 104.5405

### Deuteranopia

90.9913, 93.4044, 102.8556

## **Tritanopia**

90.7894, 93.6408, 107.8971

# Trichromacy



**Original Color**

90.5132, 93.5720, 104.5574

**Protanomaly**

90.1520, 93.3858, 104.5405

**Deuteranomaly**

90.7808, 93.2778, 103.6622

**Tritanomaly**

90.6288, 93.5765, 107.0514

# Monochromacy



**Original Color**

90.5132, 93.5720, 104.5574

**Achromatopsia**

89.2221, 93.8686, 102.2229

**Achromatomaly**

89.4266, 93.5008, 102.9567

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 90.5132, 93.5720, 104.5574 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(252, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(252, 246, 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(252, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 246, 251) }
```

## Border

The CSS property to change the border of an element to XYZ 90.5132, 93.5720, 104.5574 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(252, 246, 251) }
```



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

```
.border{ border-color:rgb(252, 246, 251) }
```

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

Here you see how a box with a 4 pixel rgb(252, 246, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(252, 246,  
251) }
```

# Background

The CSS property to change the background color of an element to XYZ 90.5132, 93.5720, 104.5574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 246, 251) }
```

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

```
.background{ background-color: rgb(252,  
246, 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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