

Converting Colors

XYZ(90.2461, 94.4207,
105.2340)

Have a look what the booklet for
XYZ(90.2461, 94.4207, 105.2340)
contains.

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Color

**XYZ(90.2050, 94.3028,
105.5434)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F8FC
RGB	249, 248, 252
RGB Percent	98%, 97%, 99%
CMY	0.0235, 0.0274, 0.0118
CMYK	0.01, 0.02, 0.00, 0.01
HSL	255°, 40%, 98%
HSV	255°, 2%, 99%
XYZ	90.2050, 94.3028, 105.5434
YIQ	248.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

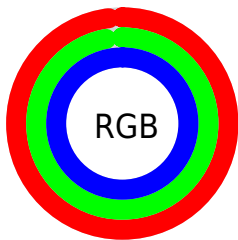
Format	Color
R_{YB}	249, 248, 252
Decimal	16382204
CIE _{Lab}	97.75, 1.04, -1.81
CIE _{LCh}	98, 2.086, 299.991
Yxy	94.3028, 0.3110, 0.3251
Android (android.graphics.Color)	4294572284 (0xFFFF9F8FC)
YUV	248.7550, 1.5998, 0.2149
Hunter-Lab	97.1096, -4.1334, 3.5375

Details

The XYZ color 90.2050, 94.3028, 105.5434 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.5409, 96.9099, 102.6925, and the grayscale version is 89.8314, 94.5097, 102.9210.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.6923, 52.9769, 59.1835 is the 20% darker color. If you saturate the color by 10%, you get 76.5661, 76.5365, 102.8344, and if you desaturate by 10%, it is 94.5710, 99.8084, 106.3774.

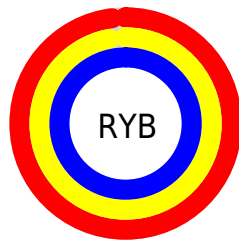
Distribution



Red (98%)

Green (97%)

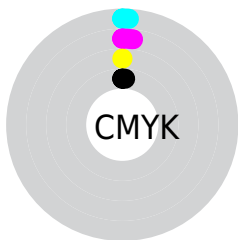
Blue (99%)



Red (98%)

Yellow (97%)

Blue (99%)

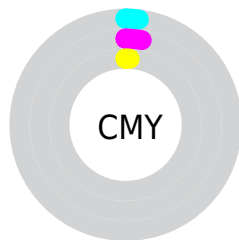


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (1%)



Cyan (2%)

Magenta (3%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.2050, 94.3028, 105.5434 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 90.2050, 94.3028, 105.5434 by changing the saturation by 10% instead.

90.2050, 94.3028,
105.5434

90.2050, 94.3028,
105.5434

516.9254,
541.9306, 599.2207

68.4875, 71.5548,
80.2955

146.5000,
153.3010, 170.8725

50.5696, 52.7951,
59.4339

181.8083,
190.3201, 211.7908

36.0858, 37.6392,
42.5402

222.3775,
232.8650, 258.7696

24.6709, 25.7028,
29.1958

268.5730,
281.3201, 312.2275

15.9595, 16.6014,
18.9821

320.7602,
336.0698, 372.5830

9.5861, 9.9507,
11.4807

379.3044,

5.1856, 5.3663,

397.4985, 440.2547

6.2729

444.5711,
465.9906, 515.6611

■ 2.3924, 2.4638,
2.9403

■ 0.8413, 0.8584,
1.0642

■ 90.2050, 94.3028,
105.5434

■ 90.2050, 94.3028,
105.5434

■ 76.5661, 76.5365,
102.8344

94.5710, 99.8084,
106.3774

■ 64.5854, 61.1093,
100.4881

■ 54.2003, 47.9261,
98.4909

■ 45.3415, 36.8807,
96.8258

■ 37.9342, 27.8583,
95.4747

■ 31.8971, 20.7328,
94.4175

■ 27.1403, 15.3638,
93.6319

■ 23.5624, 11.5910,
93.0923

■ 21.0443, 9.2227,
92.7679

Harmonies

Analogous

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



89.6318, 94.3028, 105.9908



90.2050, 94.3028, 105.5434



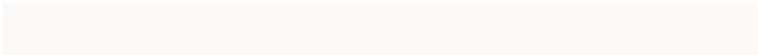
90.6262, 94.3028, 104.3270

Triad

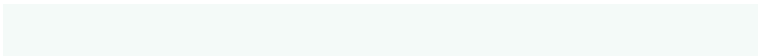
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.2050, 94.3028, 105.5434



90.2053, 94.3028, 99.8688



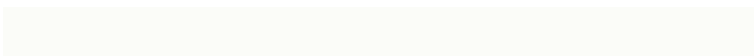
88.4929, 94.3028, 102.6792

Complementary

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



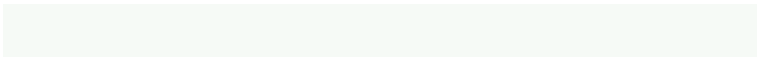
90.2050, 94.3028, 105.5434



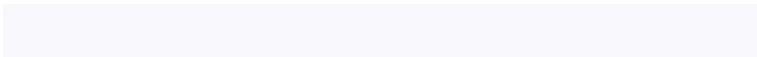
91.5409, 96.9099, 102.6925

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.



88.6451, 94.3028, 101.0499



90.2050, 94.3028, 105.5434



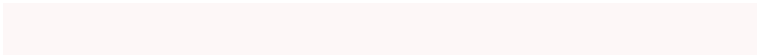
89.6322, 94.3028, 99.4383

Square

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



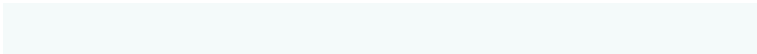
90.2050, 94.3028, 105.5434



90.6264, 94.3028, 101.0508



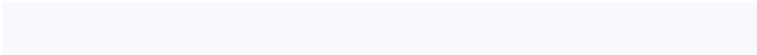
89.0614, 94.3028, 99.8683



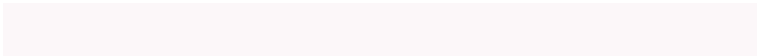
88.6449, 94.3028, 104.3260

Rectangle

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



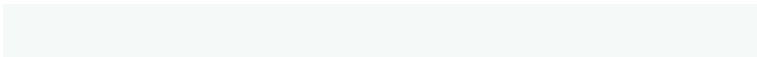
90.2050, 94.3028, 105.5434



90.7632, 94.3028, 103.2502



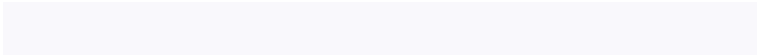
89.0614, 94.3028, 99.8683



88.5102, 94.3028, 102.1114

Sweetspot

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



90.2077, 94.3068, 105.5455

95.0500, 100.0000, 108.9000



90.8033, 96.0236, 105.8454



20.3446, 21.4041, 23.3091



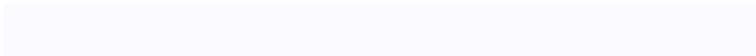
0.0000, 0.0000, 0.0000

Same Dimension

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



90.2077, 94.3068, 105.5455



92.0498, 96.0701, 108.2996



90.9008, 94.6642, 105.5779



18.8925, 19.7259, 22.1970



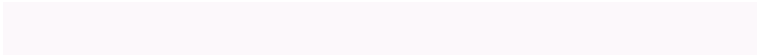
10.3263, 4.2661, 48.2527



1.0488, 0.4428, 4.4734

Inverse Universe

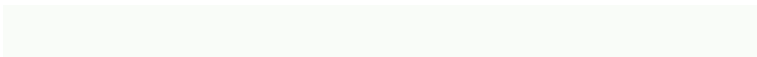
The Inverse Universe completely reimagines the original color for something new.



91.1282, 94.7996, 104.7668



93.2406, 96.7075, 107.2907



90.8475, 96.5524, 102.6600



19.1240, 19.8498, 22.0009



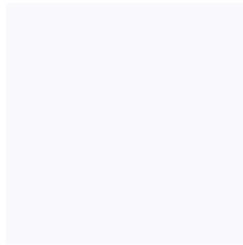
25.7699, 12.7237, 26.5603



2.4289, 1.1953, 2.6821

Previews

White Background



This preview shows how the XYZ color 90.2050, 94.3028, 105.5434 looks on a white background.

Color Contrast Check

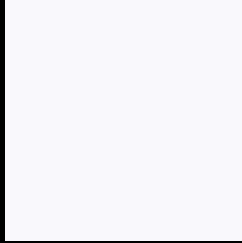
Large Text (above 18pt) WCAG AA × Fail

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 90.2050, 94.3028, 105.5434 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

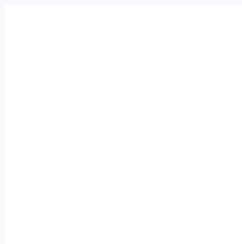
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 90.2050, 94.3028, 105.5434

Background



This preview shows how black text looks on a background with the XYZ color 90.2050, 94.3028, 105.5434.



This preview shows how white text looks on a background with the XYZ color 90.2050, 94.3028, 105.5434.

105.5134.

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

90.2050, 94.3028, 105.5434

Protanopia

90.9763, 94.2453, 105.4916

Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

90.6843, 94.4945, 108.0674

Trichromacy

Original Color

90.2050, 94.3028, 105.5434

Protanomaly

90.6151, 94.0590, 105.4747

Deuteranomaly

91.1814, 94.3692, 104.6761

Tritanomaly

90.5237, 94.4303, 107.2217

Monochromacy

Original Color

90.2050, 94.3028, 105.5434

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

90.1979, 94.7932, 103.9855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.2050, 94.3028, 105.5434 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, 248, 252) looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 252)  
}
```

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, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 252) }
```

Border

The CSS property to change the border of an element to XYZ 90.2050, 94.3028, 105.5434 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, 248, 252) }
```

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

```
.border{ border-color:rgb(249, 248, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
252) }
```


Background

The CSS property to change the background color of an element to XYZ 90.2050, 94.3028, 105.5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 252) }
```

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

```
.background{ background-color: rgb(249,  
248, 252) }
```

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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