

# Converting Colors

XYZ(91.0858, 94.4054,  
108.0291)

Have a look what the booklet for  
XYZ(91.0858, 94.4054, 108.0291)  
contains.

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# **Color**

**XYZ(91.0944, 94.2508,  
107.9988)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF7FF
RGB	251, 247, 255
RGB Percent	98%, 97%, 100%
CMY	0.0157, 0.0313, 0.0000
CMYK	0.02, 0.03, 0.00, 0.00
HSL	270°, 100%, 98%
HSV	270°, 3%, 100%
XYZ	91.0944, 94.2508, 107.9988
YIQ	249.1080, -0.1840, 3.3360

# Conversions

## Conversions Part 2

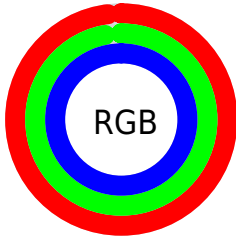
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 247, 255
Decimal	16513023
CIE Lab	97.73, 2.74, -3.37
CIE LCh	98, 4.342, 309.172
Yxy	94.2508, 0.3105, 0.3213
Android (android.graphics.Color)	4294703103 (0xFFFBF7FF)
YUV	249.1080, 2.9048, 1.6593
Hunter-Lab	97.0829, -2.4056, 2.0015

# Details

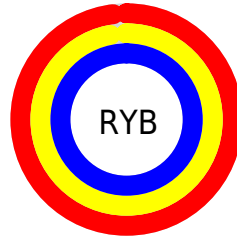
The XYZ color 91.0944, 94.2508, 107.9988 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.3347, 98.7458, 102.1939, and the grayscale version is 90.1105, 94.8033, 103.2408.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.3295, 52.9409, 60.9393 is the 20% darker color. If you saturate the color by 10%, you get 79.3831, 77.4204, 105.3674, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

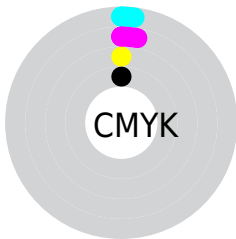
# Distribution



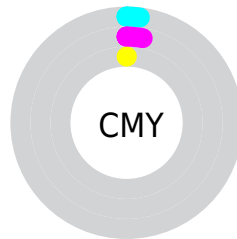
- Red (98%)
- Green (97%)
- Blue (100%)



- Red (98%)
- Yellow (97%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 91.0944, 94.2508, 107.9988 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 91.0944, 94.2508, 107.9988 by changing the saturation by 10% instead.



91.0944, 94.2508,  
107.9988

91.0944, 94.2508,  
107.9988

519.7695,  
541.7637, 607.0087

69.2280, 71.5116,  
82.3432

147.7283,  
153.2291, 174.2541

51.1747, 52.7598,  
61.1110

183.2264,  
190.2371, 215.6910

36.5693, 37.6110,  
43.8837

223.9992,  
232.7700, 263.2253

25.0463, 25.6809,  
30.2425

270.4119,  
281.2123, 317.2757

16.2405, 16.5851,  
19.7691

322.8299,  
335.9485, 378.2607

9.7864, 9.9391,  
12.0449

381.6186,

5.3187, 5.3586,

397.3628, 446.5989

6.6514

447.1434,  
465.8398, 522.7087

■ 2.4721, 2.4592,  
3.1699

■ 0.8812, 0.8561,  
1.1820

■ 91.0944, 94.2508,  
107.9988

■ 91.0944, 94.2508,  
107.9988

■ 79.3831, 77.4204,  
105.3674

95.0500, 100.0000,  
108.9000

■ 68.9963, 62.7894,  
103.0908

■ 59.8843, 50.2665,  
101.1539

■ 51.9912, 39.7496,  
99.5400

■ 45.2566, 31.1280,  
98.2308

■ 39.6145, 24.2796,  
97.2063

■ 34.9911, 19.0677,  
96.4439

■ 31.3020, 15.3344,  
95.9178

■ 28.4458, 12.8886,  
95.5962

# Harmonies

## Analogous

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



89.9625, 94.2508, 109.5006



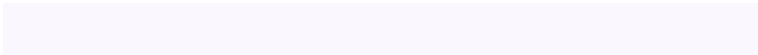
91.0944, 94.2508, 107.9988



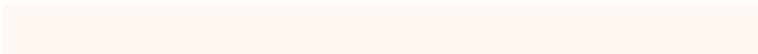
91.8256, 94.2508, 105.0659

# Triad

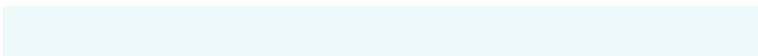
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0944, 94.2508, 107.9988



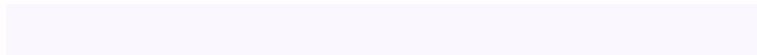
90.4315, 94.2508, 96.3830



87.2534, 94.2508, 103.7135

# Complementary

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



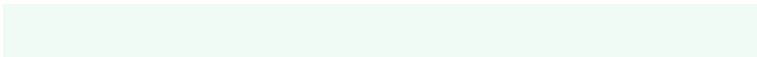
91.0944, 94.2508, 107.9988



92.3347, 98.7458, 102.1939

# 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.



87.3763, 94.2508, 100.2185



91.0944, 94.2508, 107.9988



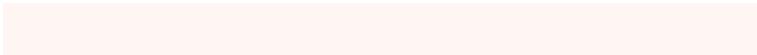
89.2037, 94.2508, 96.0398

# Square

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



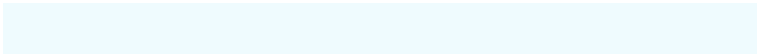
91.0944, 94.2508, 107.9988



91.4404, 94.2508, 98.3774



88.0875, 94.2508, 97.4288

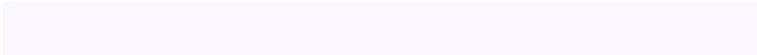


87.7500, 94.2508, 106.9893

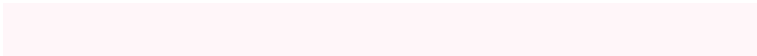


# Rectangle

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



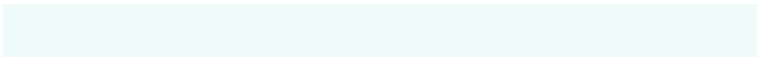
91.0944, 94.2508, 107.9988



91.9836, 94.2508, 102.7216



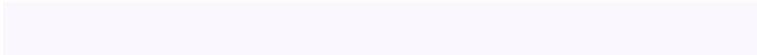
88.0875, 94.2508, 97.4288



87.2237, 94.2508, 102.5247

# Sweetspot

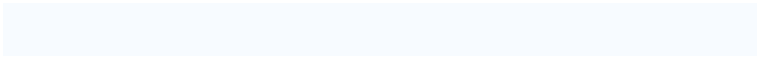
The Sweet Spot groups the original color and five complimentary colors.



91.0968, 94.2547, 107.9994



93.7742, 98.1427, 108.6087



90.9497, 96.0748, 108.3585



20.0850, 21.0262, 23.2498



0.0000, 0.0000, 0.0000

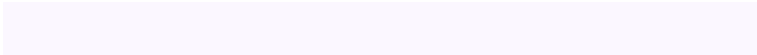


20.3446, 21.4041, 23.3091



# Same Dimension

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



91.0968, 94.2547, 107.9994



90.0298, 92.7090, 107.7573



92.5036, 94.9800, 108.0652



19.0733, 19.5588, 23.0199



14.2124, 6.2372, 49.8894



1.5097, 0.6722, 4.8635



# Inverse Universe

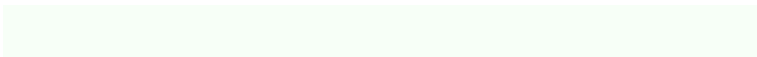
The Inverse Universe completely reimagines the original color for something new.



91.9159, 94.7505, 104.7147



91.0719, 93.3398, 103.5782



90.9563, 98.0353, 102.1293



19.3376, 19.7188, 21.9599



23.6445, 11.9471, 12.0442

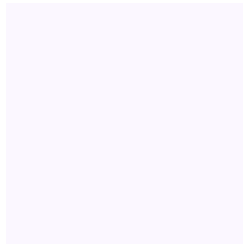


2.3573, 1.1853, 1.4630



# Previews

## White Background



This preview shows how the XYZ color 91.0944, 94.2508, 107.9988 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

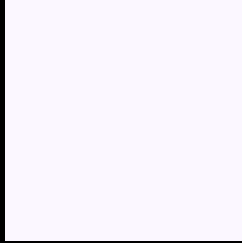
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 91.0944, 94.2508, 107.9988 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

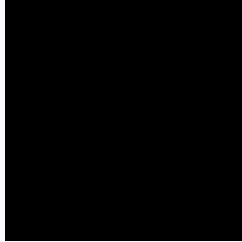
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 91.0944, 94.2508, 107.9988

## Background



This preview shows how black text looks on a background with the XYZ color 91.0944, 94.2508, 107.9988.



This preview shows how white text looks on a background with the XYZ color 91.0944, 94.2508,



# 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**

91.0944, 94.2508, 107.9988

**Protanopia**

91.0944, 94.2508, 107.9988

**Deuteranopia**

91.6084, 94.1366, 104.6087

## **Tritanopia**

90.7351, 94.0655, 107.9820

# Trichromacy

## Original Color

91.0944, 94.2508, 107.9988

## Protanomaly

91.0944, 94.2508, 107.9988

## Deuteranomaly

91.3995, 94.0106, 105.4241

## Tritanomaly

90.7351, 94.0655, 107.9820

# Monochromacy

## Original Color

91.0944, 94.2508, 107.9988

## Achromatopsia

90.0415, 94.7307, 103.1617

## Achromatomaly

90.4043, 94.4238, 104.7276

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 91.0944, 94.2508, 107.9988 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(251, 247, 255) looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 255)  
}
```

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(251, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 255) }
```

## Border

The CSS property to change the border of an element to XYZ 91.0944, 94.2508, 107.9988 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(251, 247, 255) }
```



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

```
.border{ border-color:rgb(251, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
255) }
```

# Background

The CSS property to change the background color of an element to XYZ 91.0944, 94.2508, 107.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 255) }
```

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

```
.background{ background-color: rgb(251,  
247, 255) }
```

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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