

# Converting Colors

XYZ(91.3919, 94.0247,  
103.5470)

Have a look what the booklet for  
XYZ(91.3919, 94.0247, 103.5470)  
contains.

<b>XYZ(91.4511, 94.0737, 103.7805)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(91.4511, 94.0737,  
103.7805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF6FA
RGB	255, 246, 250
RGB Percent	100%, 96%, 98%
CMY	0.0000, 0.0353, 0.0196
CMYK	0.00, 0.04, 0.02, 0.00
HSL	333°, 100%, 98%
HSV	333°, 4%, 100%
XYZ	91.4511, 94.0737, 103.7805
YIQ	249.1470, 4.0800, 3.1520

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	255, 246, 250
Decimal	16774906
CIE Lab	97.66, 3.69, -0.86
CIE LCh	98, 3.790, 346.928
Yxy	94.0737, 0.3161, 0.3252
Android (android.graphics.Color)	4294964986 (0xFFFFF6FA)
YUV	249.1470, 0.4205, 5.1331
Hunter-Lab	96.9916, -1.4318, 4.4541

# Details

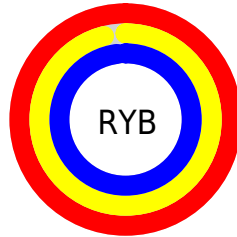
The XYZ color 91.4511, 94.0737, 103.7805 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.1815, 98.0792, 105.3959, and the grayscale version is 90.1597, 94.8550, 103.2971.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.4398, 52.7277, 58.5052 is the 20% darker color. If you saturate the color by 10%, you get 82.0819, 78.7587, 90.1033, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

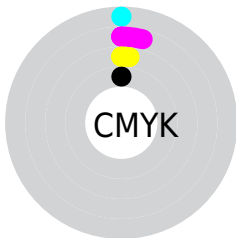
# Distribution



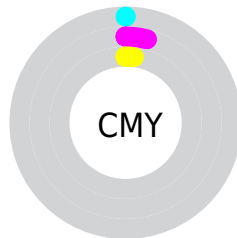
- Red (100%)
- Green (96%)
- Blue (98%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 91.4511, 94.0737, 103.7805 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 91.4511, 94.0737, 103.7805 by changing the saturation by 10% instead.



91.4511, 94.0737,  
103.7805

91.4511, 94.0737,  
103.7805

520.9078,  
541.1953, 593.5964

69.5250, 71.3643,  
78.8271

148.2205,  
152.9843, 168.4399

51.4176, 52.6395,  
58.2332

183.7946,  
189.9542, 208.9829

36.7635, 37.5151,  
41.5802

224.6488,  
232.4464, 255.5596

25.1972, 25.6065,  
28.4496

271.1483,  
280.8452, 308.5884

16.3536, 16.5295,  
18.4229

323.6587,  
335.5351, 368.4880

9.8671, 9.8996,  
11.0814

382.5451,

5.3725, 5.3325,

396.9005, 435.6768

6.0068

448.1730,  
465.3258, 510.5734

■ 2.5044, 2.4436,  
2.7803

■ 0.8975, 0.8482,  
0.9836

■ 91.4511, 94.0737,  
103.7805

■ 91.4511, 94.0737,  
103.7805

■ 82.0819, 78.7587,  
90.1033

95.0500, 100.0000,  
108.9000

■ 73.8956, 65.5486,  
77.6250

■ 66.8444, 54.3535,  
66.3123

■ 60.8751, 45.0727,  
56.1282

■ 55.9294, 37.5969,  
47.0333

■ 51.9439, 31.8054,  
38.9854

■ 48.8471, 27.5626,  
31.9390

■ 46.5570, 24.7119,  
25.8438

■ 44.9742, 23.0623,  
20.6425

# Harmonies

## Analogous

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



90.9389, 94.0737, 106.5432



91.4511, 94.0737, 103.7805



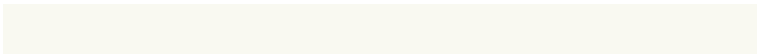
91.4144, 94.0737, 100.7094

# Triad

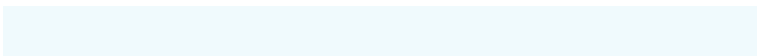
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4511, 94.0737, 103.7805



88.8113, 94.0737, 96.8486



88.0044, 94.0737, 106.8338

# Complementary

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



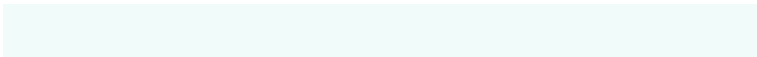
91.4511, 94.0737, 103.7805



91.1815, 98.0792, 105.3959

# 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.



87.4434, 94.0737, 104.1706



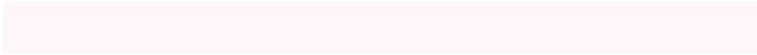
91.4511, 94.0737, 103.7805



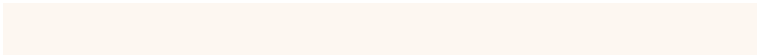
87.9067, 94.0737, 98.4246

# Square

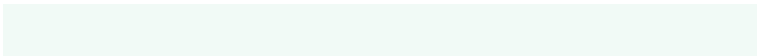
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



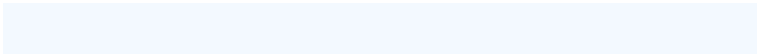
91.4511, 94.0737, 103.7805



89.8845, 94.0737, 96.7490



87.4078, 94.0737, 101.0918



88.9456, 94.0737, 108.3297

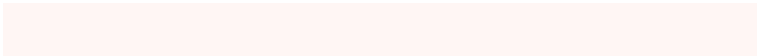


# Rectangle

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



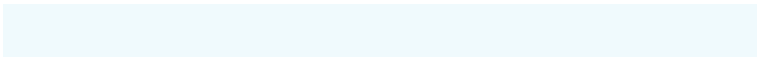
91.4511, 94.0737, 103.7805



91.0836, 94.0737, 98.9006



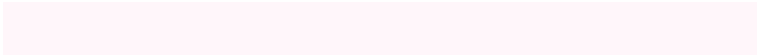
87.4078, 94.0737, 101.0918



87.7654, 94.0737, 106.0430

# Sweetspot

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



91.4532, 94.0775, 103.7825



94.0145, 98.2928, 107.4334



90.7743, 93.6357, 107.8969



20.1339, 21.0567, 23.0107



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

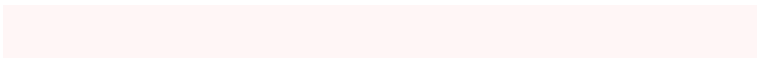
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4532, 94.0775, 103.7825



90.9826, 93.3041, 103.1080



90.9701, 94.1033, 100.5628



19.3150, 19.7098, 21.8409



23.1870, 11.7641, 9.6353



2.3116, 1.1670, 1.2223



# Inverse Universe

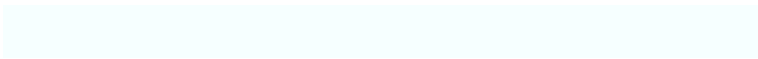
The Inverse Universe completely reimagines the original color for something new.



91.4532, 94.0775, 103.7825



90.9826, 93.3041, 103.1080



91.6749, 98.0473, 108.7010



19.3150, 19.7098, 21.8409



23.1870, 11.7641, 9.6353

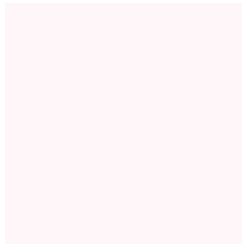


2.3116, 1.1670, 1.2223



# Previews

## White Background



This preview shows how the XYZ color 91.4511, 94.0737, 103.7805 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

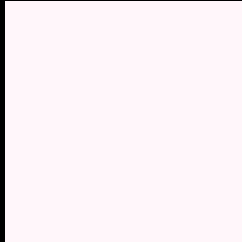
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 91.4511, 94.0737, 103.7805 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 91.4511, 94.0737, 103.7805

## Background



This preview shows how black text looks on a background with the XYZ color 91.4511, 94.0737, 103.7805.



This preview shows how white text looks on a background with the XYZ color 91.4511, 94.0737,



# 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

91.4511, 94.0737, 103.7805

### Protanopia

90.8182, 94.1820, 104.6591

### Deuteranopia

91.2947, 94.0111, 102.9567

## Tritanopia

91.1507, 93.8270, 107.9140

# Trichromacy



**Original Color**

91.4511, 94.0737, 103.7805

**Protanomaly**

91.1814, 94.3692, 104.6761

**Deuteranomaly**

91.2947, 94.0111, 102.9567

**Tritanomaly**

91.1934, 93.8860, 106.2439

# Monochromacy



**Original Color**

91.4511, 94.0737, 103.7805



**Achromatopsia**

90.0415, 94.7307, 103.1617

**Achromatomaly**

90.4499, 94.4836, 103.0925

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 91.4511, 94.0737, 103.7805 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(255, 246, 250) looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 250)  
}
```

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(255, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 91.4511, 94.0737, 103.7805 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(255, 246, 250) }
```



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

```
.border{ border-color:rgb(255, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 91.4511, 94.0737, 103.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 250) }
```

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

```
.background{ background-color: rgb(255,  
246, 250) }
```

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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