

# Converting Colors

XYZ(104.2460, 98.6347,  
103.8702)

Have a look what the booklet for  
XYZ(104.2460, 98.6347, 103.8702)  
contains.

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# Color

**XYZ(89.9506, 91.0727,  
103.2804)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF1FA
RGB	255, 241, 250
RGB Percent	100%, 95%, 98%
CMY	0.0000, 0.0549, 0.0196
CMYK	0.00, 0.05, 0.02, 0.00
HSL	321°, 100%, 97%
HSV	321°, 5%, 100%
XYZ	89.9506, 91.0727, 103.2804
YIQ	246.2120, 5.4550, 5.7670

# Conversions

## Conversions Part 2

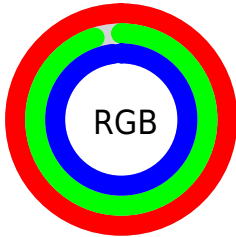
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 241, 250
Decimal	16773626
CIE <sub>Lab</sub>	96.44, 6.24, -2.65
CIE <sub>LCh</sub>	96, 6.782, 337.025
Yxy	91.0727, 0.3164, 0.3203
Android (android.graphics.Color)	4294963706 (0xFFFFF1FA)
YUV	246.2120, 1.8675, 7.7071
Hunter-Lab	95.4320, 1.2413, 2.6364

# Details

The XYZ color 89.9506, 91.0727, 103.2804 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6729, 96.8759, 101.2176, and the grayscale version is 87.7530, 92.3230, 100.5398.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3753, 50.5987, 58.1504 is the 20% darker color. If you saturate the color by 10%, you get 81.5308, 76.4635, 93.5977, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

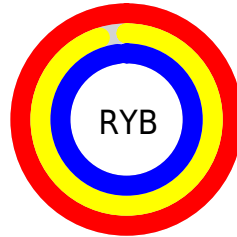
# Distribution



Red (100%)

Green (95%)

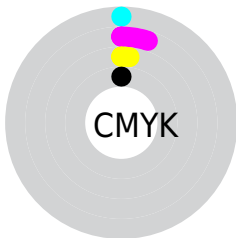
Blue (98%)



Red (100%)

Yellow (95%)

Blue (98%)

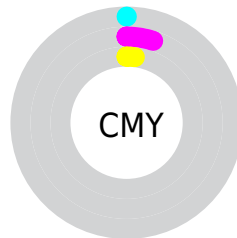


Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 89.9506, 91.0727, 103.2804 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 89.9506, 91.0727, 103.2804 by changing the saturation by 10% instead.




 89.9506, 91.0727,  
103.2804

 89.9506, 91.0727,  
103.2804

516.1104,  
531.5142, 591.9958

 68.2758, 68.8707,  
78.4109

146.1485,  
148.8275, 167.7490

 50.3966, 50.6064,  
57.8931


181.4023,  
185.1491, 208.1851

 35.9478, 35.8955,  
41.3086


221.9131,  
226.9460, 254.6472

 24.5638, 24.3535,  
28.2388

268.0463,  
274.6027, 307.5538

 15.8793, 15.5960,  
18.2651

320.1673,  
328.5034, 367.3234

 9.5291, 9.2388,  
10.9691

378.6415,

 5.1477, 4.8972,

389.0326, 434.3746

5.9321

443.8340,  
456.5747, 509.1259

■ 2.3699, 2.1871,  
2.7357

■ 0.8301, 0.7129,  
0.9613

■ 89.9506, 91.0727,  
103.2804

■ 89.9506, 91.0727,  
103.2804

■ 81.5308, 76.4635,  
93.5977

95.0500, 100.0000,  
108.9000

■ 74.1898, 63.9035,  
84.6089

■ 67.8821, 53.3027,  
76.2952

■ 62.5562, 44.5601,  
68.6346

■ 58.1563, 37.5653,  
61.6033

■ 54.6206, 32.1966,  
55.1756

■ 51.8794, 28.3162,  
49.3229

■ 49.8513, 25.7633,  
44.0125

■ 48.4363, 24.3394,  
39.2056

# Harmonies

## Analogous

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



88.7684, 91.0727, 107.7052



89.9506, 91.0727, 103.2804



90.2186, 91.0727, 97.8954

# Triad

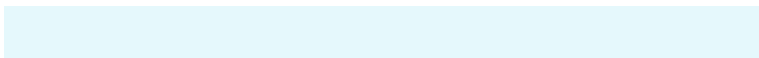
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9506, 91.0727, 103.2804



86.1182, 91.0727, 89.1886



83.6931, 91.0727, 105.5621

# Complementary

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



89.9506, 91.0727, 103.2804



88.6729, 96.8759, 101.2176

# 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.



83.0053, 91.0727, 100.4409



89.9506, 91.0727, 103.2804



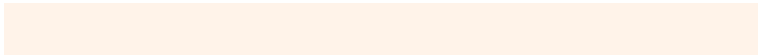
84.3922, 91.0727, 91.0842

# Square

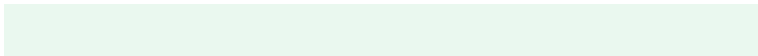
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



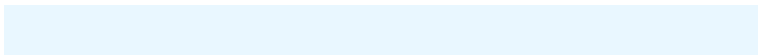
89.9506, 91.0727, 103.2804



87.9880, 91.0727, 89.8868



83.2593, 91.0727, 95.1559



85.1513, 91.0727, 109.0557

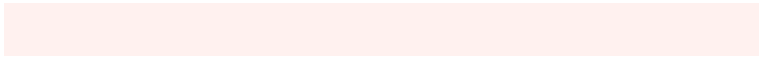


# Rectangle

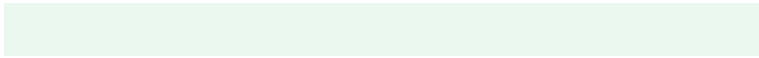
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.9506, 91.0727, 103.2804



89.8393, 91.0727, 94.5089



83.2593, 91.0727, 95.1559



83.3651, 91.0727, 103.9668

# Sweetspot

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



89.9526, 91.0764, 103.2823



93.1526, 96.6723, 106.8275



87.4794, 89.7096, 107.3128



19.9584, 20.7267, 22.8873



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.



89.9526, 91.0764, 103.2823



88.6080, 88.7314, 101.7724



88.8906, 90.6515, 97.6897



18.8524, 18.7947, 21.6555



25.1202, 12.5374, 19.8153



2.4980, 1.2416, 2.2040



# Inverse Universe

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



89.9526, 91.0764, 103.2823



88.6080, 88.7314, 101.7724



89.7515, 97.3074, 106.8975



18.8524, 18.7947, 21.6555



25.1202, 12.5374, 19.8153

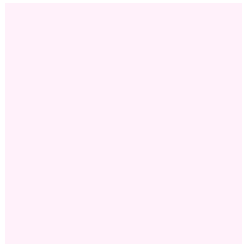


2.4980, 1.2416, 2.2040



# Previews

## White Background



This preview shows how the XYZ color 89.9506, 91.0727, 103.2804 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

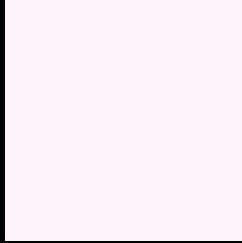
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 89.9506, 91.0727, 103.2804 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 89.9506, 91.0727, 103.2804

## Background



This preview shows how black text looks on a background with the XYZ color 89.9506, 91.0727, 103.2804.



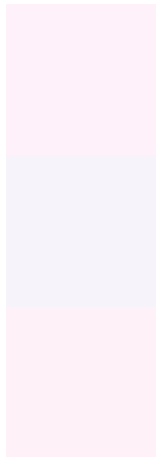
This preview shows how white text looks on a background with the XYZ color 89.9506, 91.0727,



# 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

89.9506, 91.0727, 103.2804

### Protanopia

87.8210, 90.8404, 104.1721

### Deuteranopia

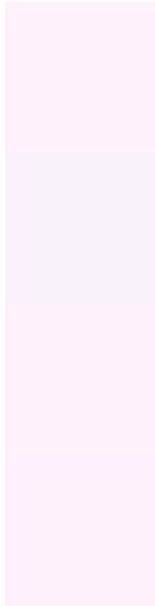
89.6386, 90.9479, 101.6372



## **Tritanopia**

90.0133, 91.0132, 107.4308

# Trichromacy



## Original Color

89.9506, 91.0727, 103.2804

## Protanomaly

88.5891, 90.7933, 104.1225

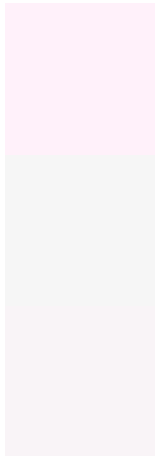
## Deuteranomaly

89.7942, 91.0101, 102.4566

## Tritanomaly

90.0580, 91.0733, 105.7608

# Monochromacy



## Original Color

89.9506, 91.0727, 103.2804

## Achromatopsia

87.5964, 92.1582, 100.3603

## Achromatomaly

88.2061, 91.5565, 101.0189

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 89.9506, 91.0727, 103.2804 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, 241, 250) looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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, 241, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 89.9506, 91.0727, 103.2804 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, 241, 250) }
```



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

```
.border{ border-color:rgb(255, 241, 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, 241, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 89.9506, 91.0727, 103.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 250) }
```

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

```
.background{ background-color: rgb(255,  
241, 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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