

# Converting Colors

XYZ(89.3677, 92.0049,  
104.5417)

Have a look what the booklet for  
XYZ(89.3677, 92.0049, 104.5417)  
contains.

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# **Color**

**XYZ(89.5469, 92.1756,  
104.3388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF4FB
RGB	251, 244, 251
RGB Percent	98%, 96%, 98%
CMY	0.0157, 0.0431, 0.0157
CMYK	0.00, 0.03, 0.00, 0.02
HSL	300°, 47%, 97%
HSV	300°, 3%, 98%
XYZ	89.5469, 92.1756, 104.3388
YIQ	246.8910, 1.9250, 3.6610

# Conversions

## Conversions Part 2

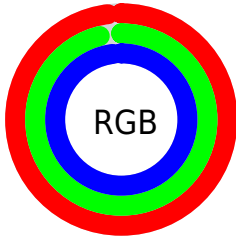
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	251, 244, 251
Decimal	16512251
CIE <sub>Lab</sub>	96.89, 3.56, -2.54
CIE <sub>LCh</sub>	97, 4.371, 324.526
Yxy	92.1756, 0.3130, 0.3222
Android (android.graphics.Color)	4294702331 (0xFFFBF4FB)
YUV	246.8910, 2.0257, 3.6036
Hunter-Lab	96.0081, -1.5270, 2.7711

# Details

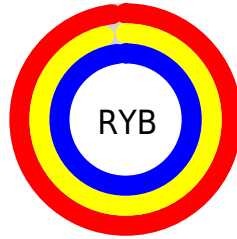
The XYZ color 89.5469, 92.1756, 104.3388 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.1380, 94.7615, 99.2381, and the grayscale version is 88.3048, 92.9035, 101.1719.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3392, 51.5087, 58.9188 is the 20% darker color. If you saturate the color by 10%, you get 82.5040, 78.0885, 101.9923, and if you desaturate by 10%, it is 92.9571, 98.9947, 105.4767.

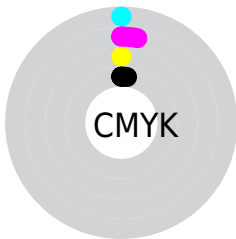
# Distribution



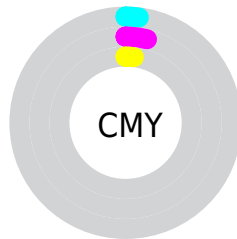
- Red (98%)
- Green (96%)
- Blue (98%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 89.5469, 92.1756, 104.3388 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 89.5469, 92.1756, 104.3388 by changing the saturation by 10% instead.



89.5469, 92.1756,  
104.3388

89.5469, 92.1756,  
104.3388

514.8157,  
535.0829, 595.3806

67.9399, 69.7865,  
79.2920

145.5904,  
150.3567, 169.2107

50.1224, 51.3525,  
58.6132

180.7577,  
186.9176, 209.8729

35.7288, 36.4892,  
41.8838

221.1757,  
228.9711, 256.5772

24.3940, 24.8123,  
28.6854

267.2100,  
276.9017, 309.7423

15.7525, 15.9372,  
18.5995

319.2257,  
331.0938, 369.7866

9.4389, 9.4798,  
11.2073

377.5884,

5.0879, 5.0554,

391.9317, 437.1287

6.0906

442.6633,  
459.8000, 512.1872

■ 2.3342, 2.2798,  
2.8305

■ 0.8121, 0.7630,  
1.0088

■ 89.5469, 92.1756,  
104.3388

■ 89.5469, 92.1756,  
104.3388

■ 82.5040, 78.0885,  
101.9923

■ 92.9571, 98.9947,  
105.4767

■ 76.4455, 65.9717,  
99.9728

■ 92.9572, 98.9947,  
105.4767

■ 71.3302, 55.7410,  
98.2677

■ 92.9572, 98.9947,  
105.4767

■ 67.1105, 47.3017,  
96.8612

■ 92.9572, 98.9947,  
105.4767

63.7350, 40.5507,  
95.7360

92.9573, 98.9948,  
105.4767

61.1468, 35.3745,  
94.8733

92.9573, 98.9948,  
105.4767

59.2824, 31.6457,  
94.2518

92.9573, 98.9948,  
105.4767

58.0681, 29.2172,  
93.8471

92.9574, 98.9948,  
105.4767

57.4147, 27.9105,  
93.6293

92.9574, 98.9948,  
105.4767

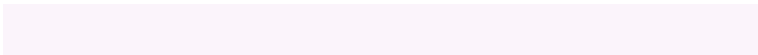
# Harmonies

## Analogous

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



88.5938, 92.1756, 106.6414



89.5469, 92.1756, 104.3388



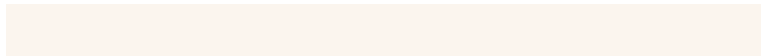
89.9813, 92.1756, 101.0099

# Triad

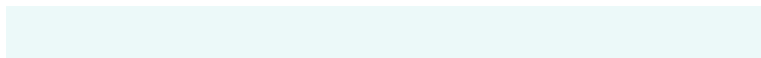
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5469, 92.1756, 104.3388



87.8356, 92.1756, 93.7823



85.4798, 92.1756, 103.1965

# Complementary

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



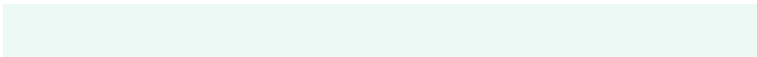
89.5469, 92.1756, 104.3388



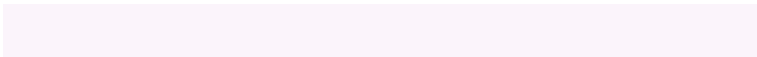
88.1380, 94.7615, 99.2381

# 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.



85.2810, 92.1756, 99.7199



89.5469, 92.1756, 104.3388



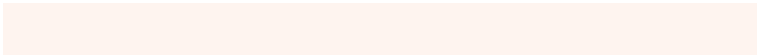
86.6338, 92.1756, 94.3370

# Square

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



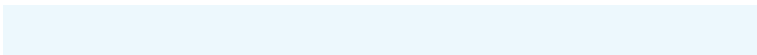
89.5469, 92.1756, 104.3388



88.9874, 92.1756, 94.9573



85.7015, 92.1756, 96.4906

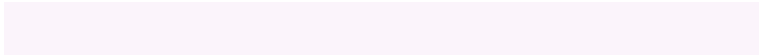


86.2472, 92.1756, 105.9712



# Rectangle

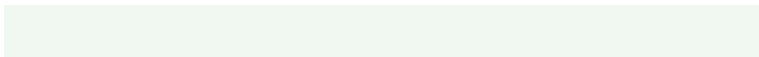
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



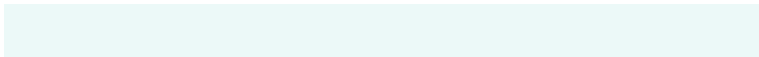
89.5469, 92.1756, 104.3388



89.9155, 92.1756, 98.6772



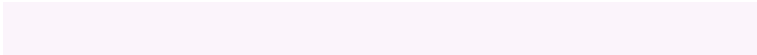
85.7015, 92.1756, 96.4906



85.3445, 92.1756, 102.0690

# Sweetspot

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



89.5495, 92.1796, 104.3408



94.2419, 98.3838, 108.6306



87.1107, 90.9744, 104.2367



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000

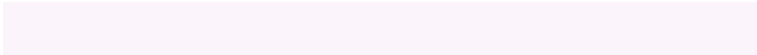


20.3446, 21.4041, 23.3091



# Same Dimension

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



89.5495, 92.1796, 104.3408



92.6579, 95.2158, 108.1026



89.0211, 91.9682, 101.5582



18.8593, 19.2570, 22.1083



30.0645, 14.4415, 49.1765



2.7845, 1.3375, 4.5546



# Inverse Universe

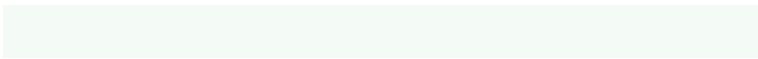
The Inverse Universe completely reimagines the original color for something new.



88.4667, 91.7464, 98.6388



91.4505, 94.7328, 101.7445



88.6563, 94.9689, 101.9674



18.5481, 19.1325, 20.4694



20.9119, 10.7805, 0.9787

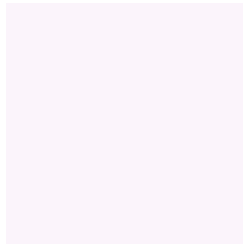


1.9368, 0.9985, 0.0906



# Previews

## White Background



This preview shows how the XYZ color 89.5469, 92.1756, 104.3388 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

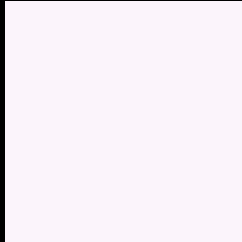
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 89.5469, 92.1756, 104.3388 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

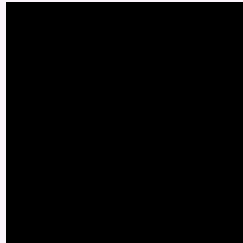
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 89.5469, 92.1756, 104.3388

## Background



This preview shows how black text looks on a background with the XYZ color 89.5469, 92.1756, 104.3388.



This preview shows how white text looks on a background with the XYZ color 89.5469, 92.1756,

104.3388.

# 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**

89.5469, 92.1756, 104.3388

**Protanopia**

89.1319, 92.4096, 104.4059

**Deuteranopia**

90.3895, 92.2007, 102.6550



## Tritanopia

89.8250, 92.2454, 107.6786

# Trichromacy



**Original Color**

89.5469, 92.1756, 104.3388

**Protanomaly**

89.4893, 92.5938, 104.4226

**Deuteranomaly**

90.1790, 92.0741, 103.4616

**Tritanomaly**

89.6644, 92.1811, 106.8328

# Monochromacy



**Original Color**

89.5469, 92.1756, 104.3388

**Achromatopsia**

88.4070, 93.0111, 101.2891

**Achromatomaly**

88.6104, 92.6453, 102.0190

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 89.5469, 92.1756, 104.3388 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, 244, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 244, 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(251, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 244, 251) }
```

## Border

The CSS property to change the border of an element to XYZ 89.5469, 92.1756, 104.3388 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, 244, 251) }
```



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

```
.border{ border-color:rgb(251, 244, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 244, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 244,  
251) }
```

# Background

The CSS property to change the background color of an element to XYZ 89.5469, 92.1756, 104.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 244, 251) }
```

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

```
.background{ background-color: rgb(251,  
244, 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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