

# Converting Colors

XYZ(88.8236, 92.2907,  
105.3702)

Have a look what the booklet for  
XYZ(88.8236, 92.2907, 105.3702)  
contains.

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# **Color**

**XYZ(88.5809, 92.1072,  
105.2052)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7F5FC
RGB	247, 245, 252
RGB Percent	97%, 96%, 99%
CMY	0.0314, 0.0392, 0.0118
CMYK	0.02, 0.03, 0.00, 0.01
HSL	257°, 54%, 97%
HSV	257°, 3%, 99%
XYZ	88.5809, 92.1072, 105.2052
YIQ	246.3960, -1.0550, 2.6010

# Conversions

## Conversions Part 2

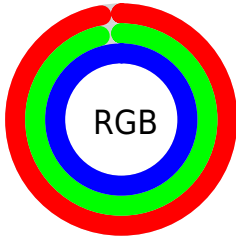
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 245, 252
Decimal	16250364
CIE Lab	96.86, 1.91, -3.13
CIE LCh	97, 3.666, 301.414
Yxy	92.1072, 0.3098, 0.3222
Android (android.graphics.Color)	4294440444 (0xFFFF7F5FC)
YUV	246.3960, 2.7628, 0.5297
Hunter-Lab	95.9725, -3.1996, 2.1870

# Details

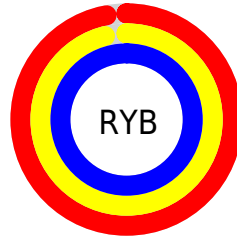
The XYZ color 88.5809, 92.1072, 105.2052 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.7195, 96.5398, 100.2434, and the grayscale version is 87.8991, 92.4767, 100.7072.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5338, 51.4117, 58.9425 is the 20% darker color. If you saturate the color by 10%, you get 75.4239, 74.7695, 102.5535, and if you desaturate by 10%, it is 94.5710, 99.8084, 106.3774.

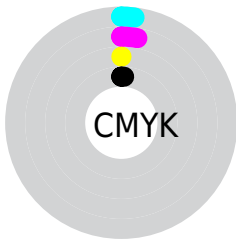
# Distribution



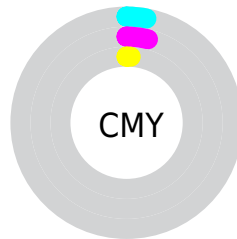
- Red (97%)
- Green (96%)
- Blue (99%)



- Red (97%)
- Yellow (96%)
- Blue (99%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (3%)
- Magenta (4%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5809, 92.1072, 105.2052 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 88.5809, 92.1072, 105.2052 by changing the saturation by 10% instead.



88.5809, 92.1072,  
105.2052

88.5809, 92.1072,  
105.2052

511.7107,  
534.8619, 598.1438

67.1366, 69.7297,  
80.0137

144.2540,  
150.2620, 170.4061

49.4668, 51.3062,  
59.2034

179.2136,  
186.8080, 211.2526

35.2060, 36.4523,  
42.3558

219.4090,  
228.8456, 258.1545

23.9888, 24.7837,  
29.0523

265.2056,  
276.7593, 311.5303

15.4500, 15.9160,  
18.8745

316.9686,  
330.9333, 371.7987

9.2242, 9.4647,  
11.4037

375.0636,

4.9460, 5.0455,

391.7522, 439.3780

6.2215

439.8558,  
459.6003, 514.6869

■ 2.2500, 2.2740,  
2.9093

■ 0.7689, 0.7599,  
1.0485

■ 88.5809, 92.1072,  
105.2052

■ 88.5809, 92.1072,  
105.2052

■ 75.4239, 74.7695,  
102.5535

94.5710, 99.8084,  
106.3774

■ 63.8569, 59.7284,  
100.2599

■ 53.8201, 46.8893,  
98.3108

■ 45.2465, 36.1469,  
96.6891

■ 38.0642, 27.3868,  
95.3768

■ 32.1947, 20.4834,  
94.3537

■ 27.5511, 15.2965,  
93.5973

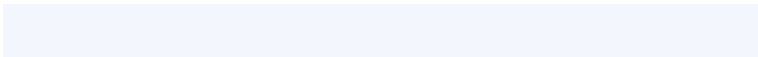
■ 24.0348, 11.6649,  
93.0816

■ 21.5294, 9.3951,  
92.7755

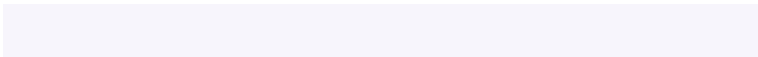
# Harmonies

## Analogous

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



87.5940, 92.1072, 106.0636



88.5809, 92.1072, 105.2052



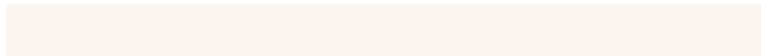
89.2948, 92.1072, 103.0260

# Triad

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



88.5809, 92.1072, 105.2052



88.4956, 92.1072, 95.3931



85.5812, 92.1072, 100.4291

# Complementary

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



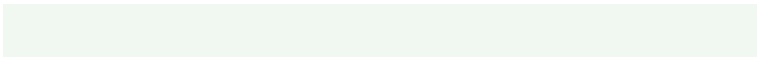
88.5809, 92.1072, 105.2052



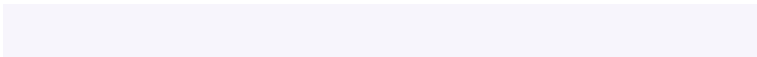
90.7195, 96.5398, 100.2434

# 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.



85.8185, 92.1072, 97.6011



88.5809, 92.1072, 105.2052



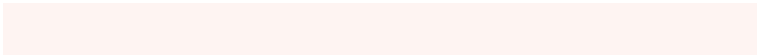
87.4963, 92.1072, 94.7280

# Square

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



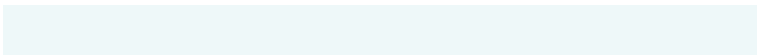
88.5809, 92.1072, 105.2052



89.2453, 92.1072, 97.3633



86.5175, 92.1072, 95.5286



85.8667, 92.1072, 103.2729

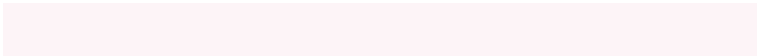


# Rectangle

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



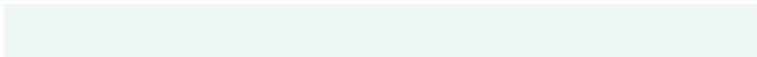
88.5809, 92.1072, 105.2052



89.5170, 92.1072, 101.1377



86.5175, 92.1072, 95.5286



85.6025, 92.1072, 99.4452

# Sweetspot

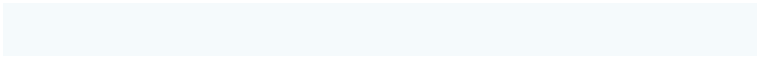
The Sweet Spot groups the original color and five complimentary colors.



88.5835, 92.1111, 105.2072



93.5746, 98.0398, 108.5994



89.4208, 94.8252, 105.6869



20.0444, 21.0052, 23.2479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

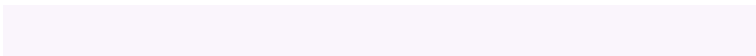
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5835, 92.1111, 105.2072



90.6751, 94.1936, 108.0098



89.8238, 92.7505, 105.2653



18.3474, 18.9931, 22.0843



10.6658, 4.4411, 48.2686

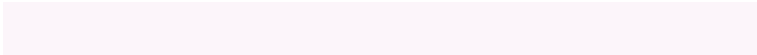


1.0872, 0.4626, 4.4752



# Inverse Universe

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



90.0558, 92.9065, 103.6332



92.3084, 95.0760, 106.2621



89.4824, 95.9020, 100.1855



18.7689, 19.2208, 21.6320



25.2749, 12.5257, 23.9537

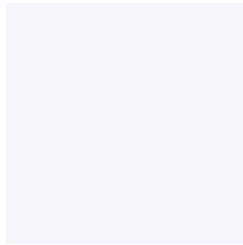


2.3865, 1.1783, 2.4587



# Previews

## White Background



This preview shows how the XYZ color 88.5809, 92.1072, 105.2052 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

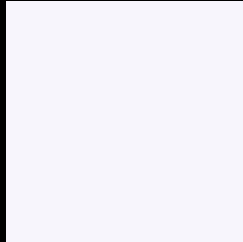
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.5809, 92.1072, 105.2052 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

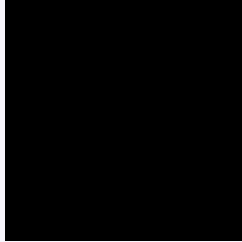
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

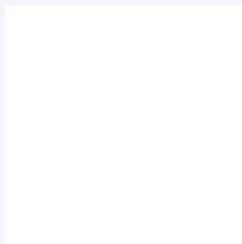
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 88.5809, 92.1072, 105.2052

## Background



This preview shows how black text looks on a background with the XYZ color 88.5809, 92.1072, 105.2052.



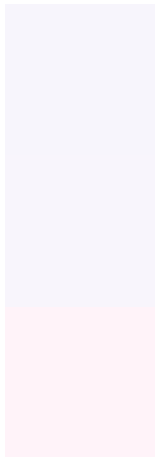
This preview shows how white text looks on a background with the XYZ color 88.5809, 92.1072,

105.2052.

# 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

88.5809, 92.1072, 105.2052

### Protanopia

88.9345, 92.2895, 105.2218

### Deuteranopia

90.3895, 92.2007, 102.6550

## **Tritanopia**

89.0602, 92.2990, 107.7292

# Trichromacy



**Original Color**

88.5809, 92.1072, 105.2052

**Protanomaly**

88.9345, 92.2895, 105.2218

**Deuteranomaly**

89.7509, 92.2989, 103.5276

**Tritanomaly**

88.8996, 92.2347, 106.8835

# Monochromacy



**Original Color**

88.5809, 92.1072, 105.2052

**Achromatopsia**

87.5964, 92.1582, 100.3603

**Achromatomaly**

87.9051, 92.2817, 101.9860

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.5809, 92.1072, 105.2052 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(247, 245, 252) looks like.

```
.text, #text, p{  
    color:rgb(247, 245, 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(247, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 245, 252) }
```

## Border

The CSS property to change the border of an element to XYZ 88.5809, 92.1072, 105.2052 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(247, 245, 252) }
```



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

```
.border{ border-color:rgb(247, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(247, 245,  
252) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.5809, 92.1072, 105.2052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 245, 252) }
```

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

```
.background{ background-color: rgb(247,  
245, 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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