

# Converting Colors

XYZ(89.0875, 92.5680,  
104.6752)

Have a look what the booklet for  
XYZ(89.0875, 92.5680, 104.6752)  
contains.

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# **Color**

**XYZ(88.7764, 92.2263,  
104.3892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8F5FB
RGB	248, 245, 251
RGB Percent	97%, 96%, 98%
CMY	0.0274, 0.0392, 0.0157
CMYK	0.01, 0.02, 0.00, 0.02
HSL	270°, 43%, 97%
HSV	270°, 2%, 98%
XYZ	88.7764, 92.2263, 104.3892
YIQ	246.5810, -0.1380, 2.5020

# Conversions

## Conversions Part 2

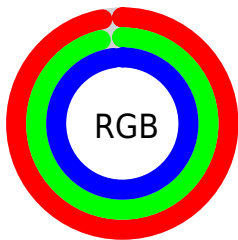
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 245, 251
Decimal	16315899
CIE <sub>Lab</sub>	96.91, 2.06, -2.53
CIE <sub>LCh</sub>	97, 3.265, 309.131
Yxy	92.2263, 0.3111, 0.3232
Android (android.graphics.Color)	4294505979 (0xFFFF8F5FB)
YUV	246.5810, 2.1786, 1.2445
Hunter-Lab	96.0345, -3.0511, 2.7761

# Details

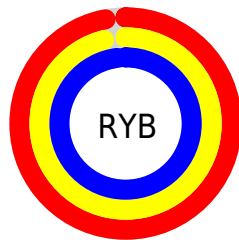
The XYZ color 88.7764, 92.2263, 104.3892 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6934, 95.5458, 100.1057, and the grayscale version is 88.0532, 92.6388, 100.8836.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7862, 51.5418, 58.9543 is the 20% darker color. If you saturate the color by 10%, you get 77.3888, 75.8398, 101.8279, and if you desaturate by 10%, it is 94.4128, 99.7451, 105.5448.

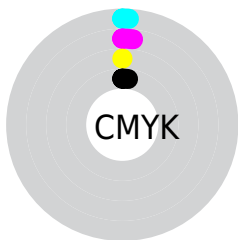
# Distribution



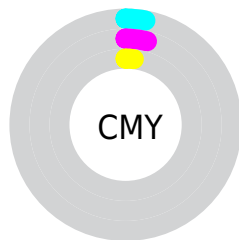
- Red (97%)
- Green (96%)
- Blue (98%)



- Red (97%)
- Yellow (96%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.7764, 92.2263, 104.3892 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 88.7764, 92.2263, 104.3892 by changing the saturation by 10% instead.



88.7764, 92.2263,  
104.3892

88.7764, 92.2263,  
104.3892

512.3399,  
535.2466, 595.5415

67.2992, 69.8286,  
79.3339

144.5246,  
150.4270, 169.2803

49.5994, 51.3868,  
58.6475

179.5263,  
186.9988, 209.9532

35.3117, 36.5165,  
41.9113

219.7668,  
229.0641, 256.6690

24.0707, 24.8334,  
28.7068

265.6116,  
277.0072, 309.8464

15.5111, 15.9530,  
18.6154

317.4259,  
331.2127, 369.9037

9.2675, 9.4909,  
11.2187

375.5752,

4.9746, 5.0627,

392.0648, 437.2597

6.0981

440.4247,  
459.9480, 512.3328

■ 2.2670, 2.2841,  
2.8351

■ 0.7777, 0.7653,  
1.0111

■ 88.7764, 92.2263,  
104.3892

■ 88.7764, 92.2263,  
104.3892

■ 77.3888, 75.8398,  
101.8279

94.4128, 99.7451,  
105.5448

■ 67.2804, 61.5780,  
99.6078

■ 58.4038, 49.3539,  
97.7162

■ 50.7057, 39.0698,  
96.1369

■ 44.1282, 30.6197,  
94.8525

■ 38.6082, 23.8873,  
93.8440

■ 34.0756, 18.7421,  
93.0898

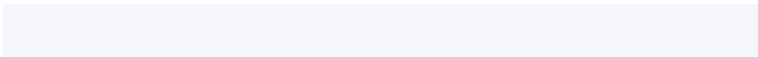
■ 30.4499, 15.0344,  
92.5652

■ 27.6353, 12.5833,  
92.2404

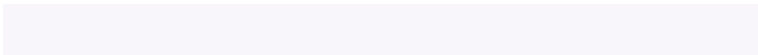
# Harmonies

## Analogous

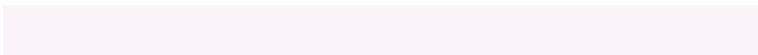
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9386, 92.2263, 105.4902



88.7764, 92.2263, 104.3892



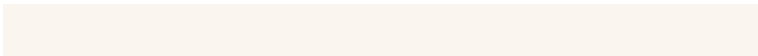
89.3171, 92.2263, 102.2294

# Triad

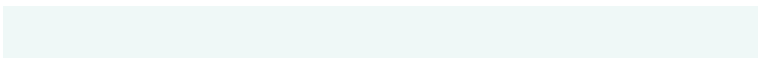
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7764, 92.2263, 104.3892



88.2883, 92.2263, 95.7714



85.9280, 92.2263, 101.2226

# Complementary

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



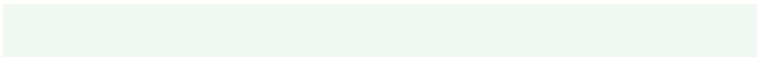
88.7764, 92.2263, 104.3892



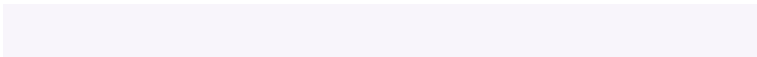
89.6934, 95.5458, 100.1057

# 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.



86.0202, 92.2263, 98.6296



88.7764, 92.2263, 104.3892



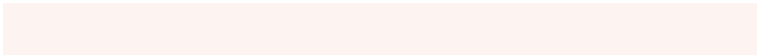
87.3787, 92.2263, 95.5125

# Square

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



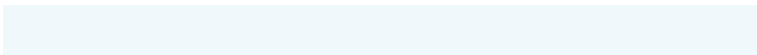
88.7764, 92.2263, 104.3892



89.0339, 92.2263, 97.2638



86.5497, 92.2263, 96.5503



86.2970, 92.2263, 103.6412

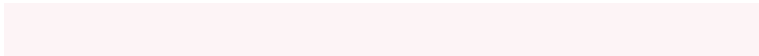


# Rectangle

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



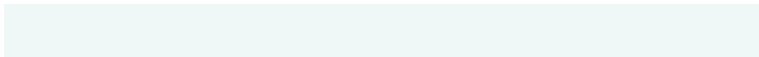
88.7764, 92.2263, 104.3892



89.4342, 92.2263, 100.4954



86.5497, 92.2263, 96.5503



85.9062, 92.2263, 100.3421

# Sweetspot

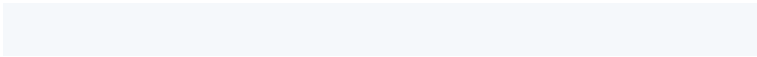
The Sweet Spot groups the original color and five complimentary colors.



88.7790, 92.2303, 104.3912



93.7741, 98.1426, 108.6087



88.6704, 93.5772, 104.6569



20.0850, 21.0261, 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.



88.7790, 92.2303, 104.3912



91.2637, 94.4971, 108.0374



89.8153, 92.7645, 104.4397



18.4990, 19.0712, 22.0914



13.7984, 6.0560, 48.4152

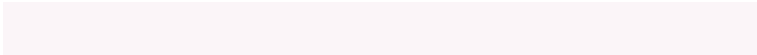


1.4002, 0.6239, 4.4898



# Inverse Universe

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



89.3826, 92.5955, 101.9733



92.0485, 94.9720, 104.8935



88.6731, 95.0198, 100.0579



18.7018, 19.1940, 21.2789



22.9509, 11.5961, 11.7156

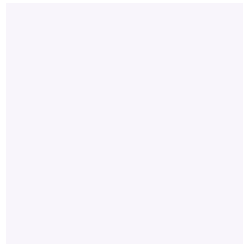


2.1791, 1.0954, 1.3668



# Previews

## White Background



This preview shows how the XYZ color 88.7764, 92.2263, 104.3892 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

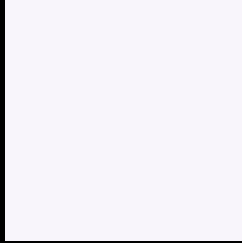
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.7764, 92.2263, 104.3892 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

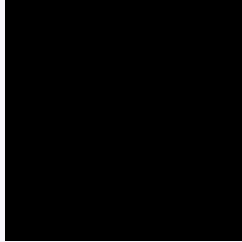
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

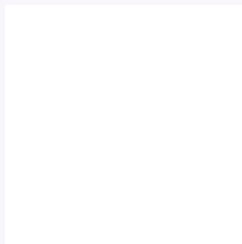
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 88.7764, 92.2263, 104.3892

## Background



This preview shows how black text looks on a background with the XYZ color 88.7764, 92.2263, 104.3892.



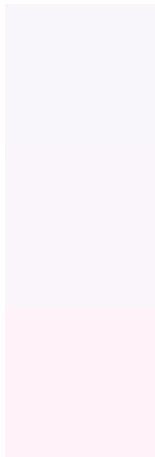
This preview shows how white text looks on a background with the XYZ color 88.7764, 92.2263,

104.3392.

# 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

88.7764, 92.2263, 104.3892

### Protanopia

89.1319, 92.4096, 104.4059

### Deuteranopia

90.3895, 92.2007, 102.6550

## **Tritanopia**

89.4138, 92.4813, 107.7458

# Trichromacy



**Original Color**

88.7764, 92.2263, 104.3892

**Protanomaly**

89.1319, 92.4096, 104.4059

**Deuteranomaly**

89.7509, 92.2989, 103.5276

**Tritanomaly**

89.2532, 92.4170, 106.9001

# Monochromacy



**Original Color**

88.7764, 92.2263, 104.3892

**Achromatopsia**

88.4070, 93.0111, 101.2891

**Achromatomaly**

88.2568, 92.4630, 102.0024

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.7764, 92.2263, 104.3892 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(248, 245, 251) looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 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(248, 245, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 251) }
```

## Border

The CSS property to change the border of an element to XYZ 88.7764, 92.2263, 104.3892 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(248, 245, 251) }
```



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

```
.border{ border-color:rgb(248, 245, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 245, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
251) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.7764, 92.2263, 104.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 251) }
```

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

```
.background{ background-color: rgb(248,  
245, 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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