

# Converting Colors

XYZ(88.0540, 90.5363,  
103.2817)

Have a look what the booklet for  
XYZ(88.0540, 90.5363, 103.2817)  
contains.

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# Color

**XYZ(88.0744, 90.5461,  
103.2776)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F9F2FA
RGB	249, 242, 250
RGB Percent	98%, 95%, 98%
CMY	0.0235, 0.0510, 0.0196
CMYK	0.00, 0.03, 0.00, 0.02
HSL	292°, 44%, 96%
HSV	292°, 3%, 98%
XYZ	88.0744, 90.5461, 103.2776
YIQ	245.0050, 1.6040, 3.9720

# Conversions

## Conversions Part 2

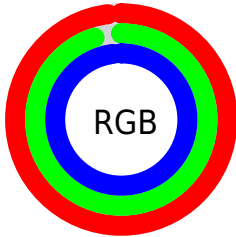
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 242, 250
Decimal	16380666
CIE <sub>Lab</sub>	96.22, 3.74, -3.02
CIE <sub>LCh</sub>	96, 4.809, 321.102
Yxy	90.5461, 0.3124, 0.3212
Android (android.graphics.Color)	4294570746 (0xFFFF9F2FA)
YUV	245.0050, 2.4625, 3.5036
Hunter-Lab	95.1557, -1.3061, 2.2584

# Details

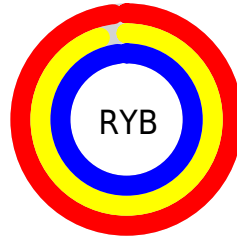
The XYZ color **88.0744, 90.5461, 103.2776** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.1781, 93.8391, 97.5269**, and the grayscale version is **86.7773, 91.2964, 99.4218**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2888, 50.3503, 58.1597** is the 20% darker color. If you saturate the color by 10%, you get **80.0323, 76.1012, 100.9147**, and if you desaturate by 10%, it is **93.2068, 99.1416, 104.6675**.

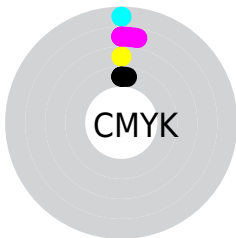
# Distribution



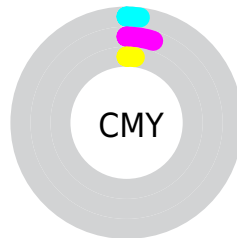
- Red (98%)
- Green (95%)
- Blue (98%)



- Red (98%)
- Yellow (95%)
- Blue (98%)



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



- Cyan (2%)
- Magenta (5%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.0744, 90.5461, 103.2776 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 88.0744, 90.5461, 103.2776 by changing the saturation by 10% instead.



88.0744, 90.5461,  
103.2776

88.0744, 90.5461,  
103.2776

510.0786,  
529.8057, 591.9868

66.7157, 68.4337,  
78.4085

143.5527,  
148.0967, 167.7451

49.1235, 50.2506,  
57.8912

178.4031,  
184.3037, 208.1807

34.9324, 35.6126,  
41.3071

218.4813,  
225.9776, 254.6421

23.7770, 24.1351,  
28.2376

264.1528,  
273.5029, 307.5480

15.2922, 15.4339,  
18.2642

315.7829,  
327.2640, 367.3169

9.1123, 9.1245,  
10.9685

373.7370,

4.8722, 4.8225,

387.6452, 434.3673

5.9317

438.3805,  
455.0310, 509.1177

■ 2.2065, 2.1435,  
2.7355

■ 0.7461, 0.6889,  
0.9612

■ 88.0744, 90.5461,  
103.2776

■ 88.0744, 90.5461,  
103.2776

■ 80.0323, 76.1012,  
100.9147

■ 93.2068, 99.1416,  
104.6675

■ 72.9822, 63.6141,  
98.8760

■ 94.2556, 99.6822,  
104.7166

■ 66.8828, 53.0010,  
97.1489

■ 61.6868, 44.1679,  
95.7178

■ 57.3431, 37.0122,  
94.5656

■ 53.7950, 31.4210,  
93.6734

■ 50.9792, 27.2674,  
93.0201

■ 48.8220, 24.4047,  
92.5812

■ 47.2344, 22.6546,  
92.3271

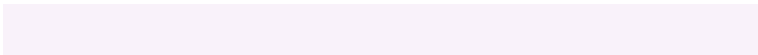
# Harmonies

## Analogous

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



86.9887, 90.5461, 105.6074



88.0744, 90.5461, 103.2776



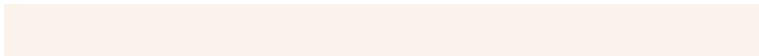
88.6221, 90.5461, 99.7307

# Triad

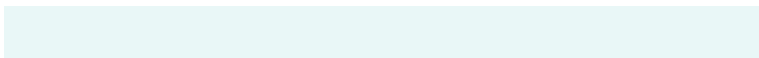
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0744, 90.5461, 103.2776



86.4590, 90.5461, 91.5038



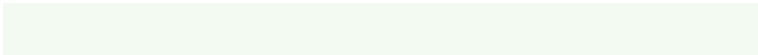
83.6889, 90.5461, 101.2595

# Complementary

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



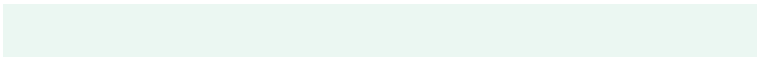
88.0744, 90.5461, 103.2776



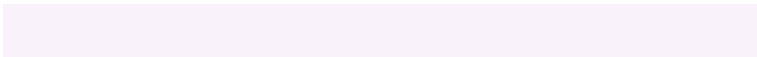
87.1781, 93.8391, 97.5269

# 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.



83.5504, 90.5461, 97.4566



88.0744, 90.5461, 103.2776



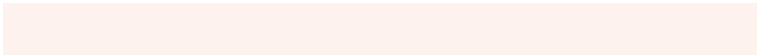
85.1406, 90.5461, 91.8892

# Square

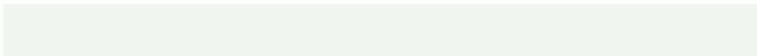
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



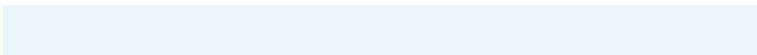
88.0744, 90.5461, 103.2776



87.6832, 90.5461, 92.9784



84.0792, 90.5461, 94.0451

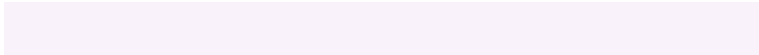


84.4597, 90.5461, 104.4215

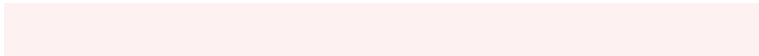


# Rectangle

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



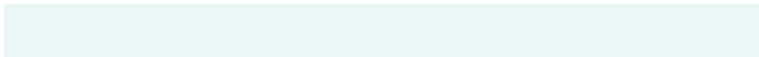
88.0744, 90.5461, 103.2776



88.6047, 90.5461, 97.1807



84.0792, 90.5461, 94.0451



83.5672, 90.5461, 100.0115

# Sweetspot

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



88.0770, 90.5500, 103.2796



94.1247, 98.3234, 108.6251



85.9476, 89.9247, 103.2711



20.1563, 21.0629, 23.2531



0.0000, 0.0000, 0.0000

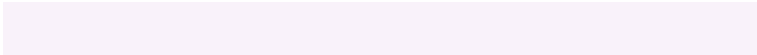


20.3446, 21.4041, 23.3091



# Same Dimension

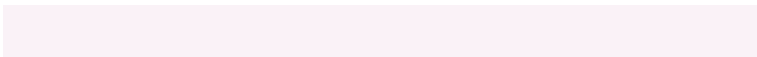
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0770, 90.5500, 103.2796



91.4142, 93.4228, 107.8221



87.9781, 90.5517, 100.8935



18.5965, 18.9000, 22.0532



24.6916, 11.6716, 48.9250

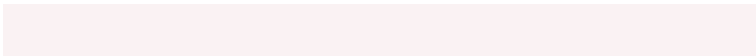


2.3448, 1.1109, 4.5340

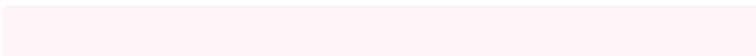


# Inverse Universe

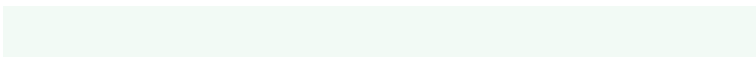
The Inverse Universe completely reimagines the original color for something new.



87.3573, 90.3034, 97.6245



90.4781, 93.1023, 100.4513



87.2779, 93.8393, 99.8490



18.3705, 18.8227, 20.2704



21.0726, 10.8448, 1.8249

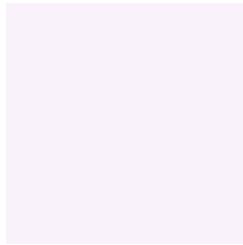


1.9787, 1.0152, 0.3114



# Previews

## White Background



This preview shows how the XYZ color 88.0744, 90.5461, 103.2776 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

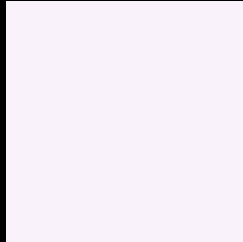
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.0744, 90.5461, 103.2776 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

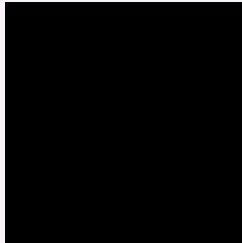
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 88.0744, 90.5461, 103.2776**

## **Background**



This preview shows how black text looks on a background with the XYZ color 88.0744, 90.5461, 103.2776.



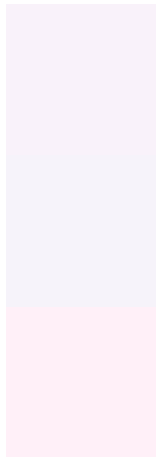
This preview shows how white text looks on a background with the XYZ color 88.0744, 90.5461,

103.2776.

# 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

88.0744, 90.5461, 103.2776

### Protanopia

87.3119, 90.5961, 103.3275

### Deuteranopia

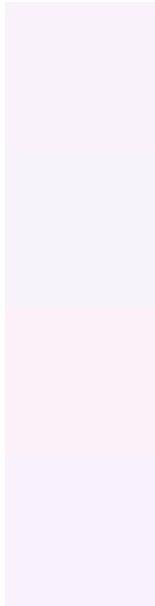
89.3434, 90.3575, 101.5388



## Tritanopia

88.8691, 90.8640, 107.4623

# Trichromacy



## Original Color

88.0744, 90.5461, 103.2776

## Protanomaly

87.6637, 90.7775, 103.3439

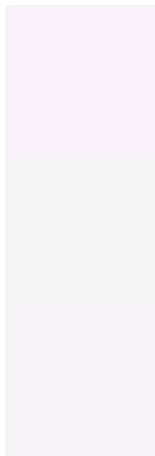
## Deuteranomaly

89.0622, 90.6328, 102.4223

## Tritanomaly

88.5487, 90.7358, 105.7753

# Monochromacy



## Original Color

88.0744, 90.5461, 103.2776

## Achromatopsia

86.7900, 91.3099, 99.4364

## Achromatomaly

87.1452, 91.0096, 100.9693

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.0744, 90.5461, 103.2776 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(249, 242, 250) looks like.

```
.text, #text, p{  
    color:rgb(249, 242, 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(249, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 242, 250) }
```

## Border

The CSS property to change the border of an element to XYZ 88.0744, 90.5461, 103.2776 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(249, 242, 250) }
```



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

```
.border{ border-color:rgb(249, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 242,  
250) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.0744, 90.5461, 103.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 242, 250) }
```

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

```
.background{ background-color: rgb(249,  
242, 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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