

# Converting Colors

XYZ(88.0245, 92.2890,  
104.4410)

Have a look what the booklet for  
XYZ(88.0245, 92.2890, 104.4410)  
contains.

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# **Color**

**XYZ(88.0245, 92.2890,  
104.4410)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5F6FB
RGB	245, 246, 251
RGB Percent	96%, 96%, 98%
CMY	0.0392, 0.0353, 0.0157
CMYK	0.02, 0.02, 0.00, 0.02
HSL	230°, 43%, 97%
HSV	230°, 2%, 98%
XYZ	88.0245, 92.2890, 104.4410
YIQ	246.2710, -2.2010, 1.3430

# Conversions

## Conversions Part 2

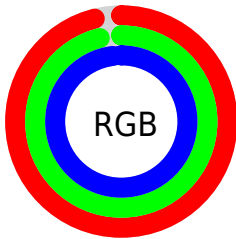
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 246, 251
Decimal	16119547
CIE Lab	96.94, 0.57, -2.52
CIE LCh	97, 2.584, 282.663
Yxy	92.2890, 0.3091, 0.3241
Android (android.graphics.Color)	4294309627 (0xFF5F6FB)
YUV	246.2710, 2.3314, -1.1147
Hunter-Lab	96.0672, -4.5614, 2.7889

# Details

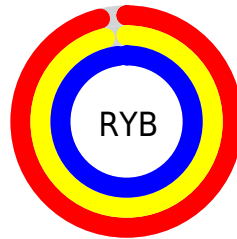
The XYZ color 88.0245, 92.2890, 104.4410 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.4508, 95.4720, 100.0482, and the grayscale version is 87.8019, 92.3745, 100.5958.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2500, 51.5859, 58.9911 is the 20% darker color. If you saturate the color by 10%, you get 73.8521, 76.0732, 102.0594, and if you desaturate by 10%, it is 94.4129, 99.7451, 105.5449.

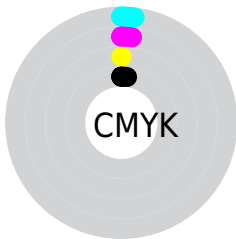
# Distribution



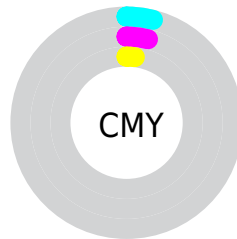
- Red (96%)
- Green (96%)
- Blue (98%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.0245, 92.2890, 104.4410 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 88.0245, 92.2890, 104.4410 by changing the saturation by 10% instead.



88.0245, 92.2890,  
104.4410

88.0245, 92.2890,  
104.4410

509.9177,  
535.4491, 595.7069

66.6742, 69.8807,  
79.3771

143.4836,  
150.5139, 169.3518

49.0896, 51.4293,  
58.6827

178.3232,  
187.0992, 210.0357

34.9054, 36.5504,  
41.9394

218.3898,  
229.1791, 256.7634

23.7562, 24.8595,  
28.7287

264.0490,  
277.1378, 309.9533

15.2766, 15.9724,  
18.6318

315.6660,  
331.3597, 370.0241

9.1013, 9.5047,  
11.2305

373.6062,

4.8650, 5.0718,

392.2293, 437.3943

6.1059

438.2350,  
460.1310, 512.4824

■ 2.2022, 2.2894,  
2.8398

■ 0.7439, 0.7681,  
1.0134

■ 88.0245, 92.2890,  
104.4410

■ 88.0245, 92.2890,  
104.4410

■ 73.8521, 76.0732,  
102.0594

94.4129, 99.7451,  
105.5449

■ 61.5091, 61.8246,  
99.9597

■ 50.9227, 49.4715,  
98.1333

■ 42.0118, 38.9329,  
96.5688

■ 34.6893, 30.1222,  
95.2541

■ 28.8599, 22.9455,  
94.1761

■ 24.4176, 17.2997,  
93.3204

■ 21.2423, 13.0693,  
92.6713

■ 19.1918, 10.1214,  
92.2103

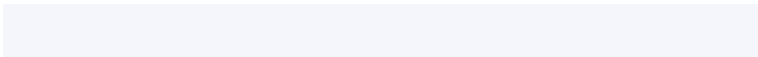
# Harmonies

## Analogous

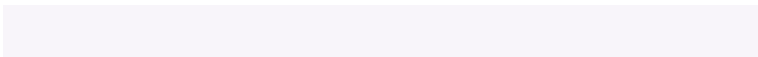
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3023, 92.2890, 104.3544



88.0245, 92.2890, 104.4410



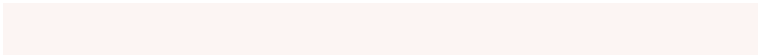
88.6680, 92.2890, 103.4576

# Triad

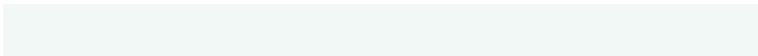
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.0245, 92.2890, 104.4410



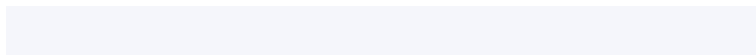
88.7491, 92.2890, 97.8002



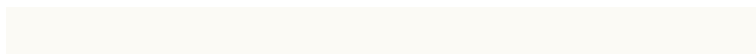
86.3913, 92.2890, 99.2996

# Complementary

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



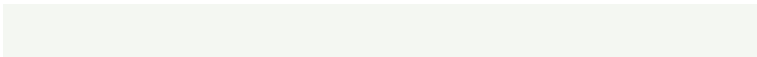
88.0245, 92.2890, 104.4410



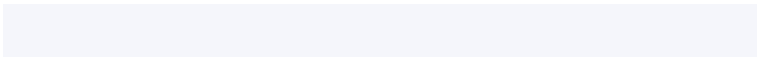
90.4508, 95.4720, 100.0482

# 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.



86.7747, 92.2890, 97.5739



88.0245, 92.2890, 104.4410



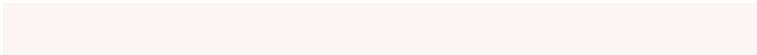
88.1348, 92.2890, 96.7164

# Square

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



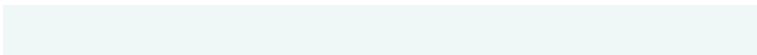
88.0245, 92.2890, 104.4410



89.0879, 92.2890, 99.6126



87.4121, 92.2890, 96.6341

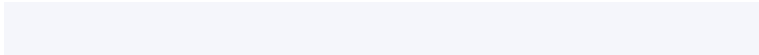


86.3621, 92.2890, 101.3666

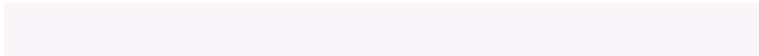


# Rectangle

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



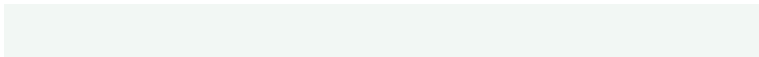
88.0245, 92.2890, 104.4410



88.9647, 92.2890, 102.3354



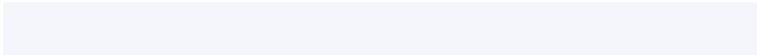
87.4121, 92.2890, 96.6341



86.4829, 92.2890, 98.6611

# Sweetspot

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



88.0271, 92.2929, 104.4430



93.4444, 98.1723, 108.6318



89.3944, 95.3042, 104.0457



20.0179, 21.0322, 23.2545



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.



88.0271, 92.2929, 104.4430



90.2928, 94.5808, 108.1047



88.3889, 92.0272, 104.3727



18.2492, 19.0924, 22.1087



9.6580, 4.6716, 48.3662

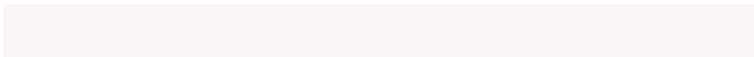


0.9589, 0.5614, 4.5010



# Inverse Universe

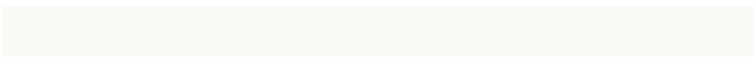
The Inverse Universe completely reimagines the original color for something new.



89.0726, 92.4695, 100.3472



91.6491, 94.8123, 102.7906



90.0826, 95.7466, 100.1206



18.5991, 19.1529, 20.7378



21.1669, 10.8825, 2.3215

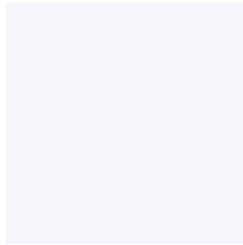


1.9929, 1.0209, 0.3861



# Previews

## White Background



This preview shows how the XYZ color 88.0245, 92.2890, 104.4410 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

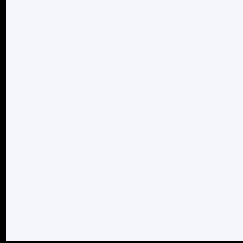
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.0245, 92.2890, 104.4410 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

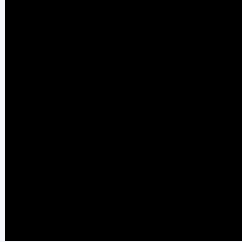
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

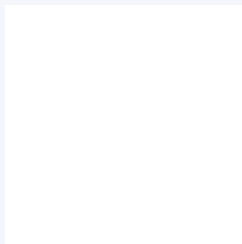
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 88.0245, 92.2890, 104.4410

## Background



This preview shows how black text looks on a background with the XYZ color 88.0245, 92.2890, 104.4410.



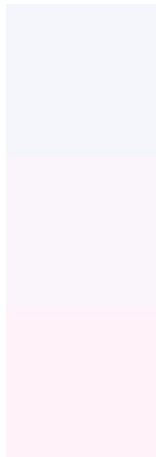
This preview shows how white text looks on a background with the XYZ color 88.0245, 92.2890,

104.410.

# 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

88.0245, 92.2890, 104.4410

### Protanopia

88.9746, 92.3467, 103.5777

### Deuteranopia

90.3895, 92.2007, 102.6550

## **Tritanopia**

89.0602, 92.2990, 107.7292

# Trichromacy



**Original Color**

88.0245, 92.2890, 104.4410

**Protanomaly**

88.6191, 92.1634, 103.5611

**Deuteranomaly**

89.3897, 92.1127, 103.5107

**Tritanomaly**

88.5478, 92.0534, 106.8670

# Monochromacy



**Original Color**

88.0245, 92.2890, 104.4410

**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 88.0245, 92.2890, 104.4410 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(245, 246, 251) looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 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(245, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 251) }
```

## Border

The CSS property to change the border of an element to XYZ 88.0245, 92.2890, 104.4410 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(245, 246, 251) }
```



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

```
.border{ border-color:rgb(245, 246, 251) }
```

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

Here you see how a box with a 4 pixel rgb(245, 246, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
251) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.0245, 92.2890, 104.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 251) }
```

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

```
.background{ background-color: rgb(245,  
246, 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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