

# Converting Colors

XYZ(85.4394, 85.4799,  
103.3022)

Have a look what the booklet for  
XYZ(85.4394, 85.4799, 103.3022)  
contains.

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# **Color**

**XYZ(85.2629, 85.1993,  
103.2181)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8E9FB
RGB	248, 233, 251
RGB Percent	97%, 91%, 98%
CMY	0.0274, 0.0863, 0.0157
CMYK	0.01, 0.07, 0.00, 0.02
HSL	290°, 69%, 95%
HSV	290°, 7%, 98%
XYZ	85.2629, 85.1993, 103.2181
YIQ	239.5370, 3.1620, 8.7780

# Conversions

## Conversions Part 2

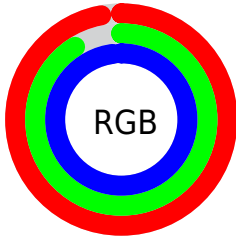
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 233, 251
Decimal	16312827
CIE <sub>Lab</sub>	93.97, 8.21, -6.87
CIE <sub>LCh</sub>	94, 10.707, 320.102
Yxy	85.1993, 0.3115, 0.3113
Android (android.graphics.Color)	4294502907 (0xFFFF8E9FB)
YUV	239.5370, 5.6513, 7.4221
Hunter-Lab	92.3035, 3.3536, -1.6885

# Details

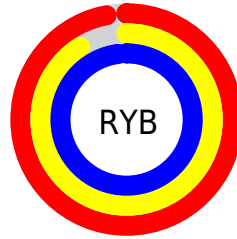
The XYZ color **85.2629, 85.1993, 103.2181** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.8004, 92.7127, 90.5737**, and the grayscale version is **82.4203, 86.7126, 94.4300**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3107, 46.5909, 58.1292** is the 20% darker color. If you saturate the color by 10%, you get **77.1906, 71.2313, 100.9487**, and if you desaturate by 10%, it is **93.3851, 99.2153, 105.4967**.

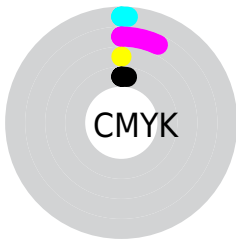
# Distribution



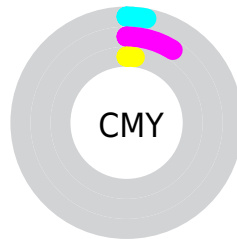
- Red (97%)
- Green (91%)
- Blue (98%)



- Red (97%)
- Yellow (91%)
- Blue (98%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (9%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2629, 85.1993, 103.2181 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 85.2629, 85.1993, 103.2181 by changing the saturation by 10% instead.



85.2629, 85.1993,  
103.2181

85.2629, 85.1993,  
103.2181

500.9682,  
512.2873, 591.7962

64.3819, 64.0061,  
78.3590

139.6526,  
140.6516, 167.6629

47.2229, 46.6556,  
57.8507

173.8919,  
175.6794, 208.0857

33.4206, 32.7635,  
41.2748

213.3147,  
216.0876, 254.5335

22.6096, 21.9453,  
28.2125

258.2863,  
262.2605, 307.4249

14.4246, 13.8167,  
18.2455

309.1721,  
314.5826, 367.1782

8.5002, 7.9933,  
10.9551

366.3374,

4.4712, 4.0907,

373.4381, 434.2122

5.9229

430.1477,  
439.2116, 508.9454

■ 1.9720, 1.7244,  
2.7302

■ 0.6182, 0.4394,  
0.9586

■ 85.2629, 85.1993,  
103.2181

■ 85.2629, 85.1993,  
103.2181

■ 77.1906, 71.2313,  
100.9487

■ 93.3851, 99.2153,  
105.4967

■ 70.1171, 59.2130,  
99.0018

■ 94.4128, 99.7451,  
105.5448

■ 63.9990, 49.0571,  
97.3640

■ 58.7870, 40.6653,  
96.0189

■ 54.4274, 33.9302,  
94.9486

■ 50.8604, 28.7325,  
94.1334

■ 48.0181, 24.9371,  
93.5506

■ 45.8209, 22.3850,  
93.1738

■ 44.1664, 20.8716,  
92.9689

# Harmonies

## Analogous

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



82.8802, 85.1993, 108.3232



85.2629, 85.1993, 103.2181



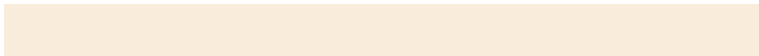
86.5067, 85.1993, 95.4955

# Triad

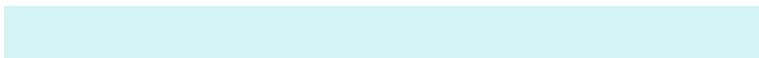
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2629, 85.1993, 103.2181



81.9264, 85.1993, 78.1303



75.9345, 85.1993, 98.2747

# Complementary

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



85.2629, 85.1993, 103.2181



83.8004, 92.7127, 90.5737

# 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.



75.6927, 85.1993, 90.0921



85.2629, 85.1993, 103.2181



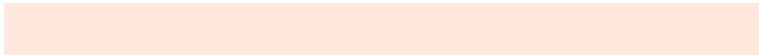
79.1079, 85.1993, 78.7773

# Square

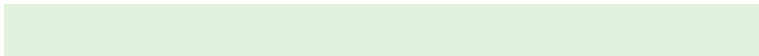
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2629, 85.1993, 103.2181



84.5506, 85.1993, 81.2249



76.8418, 85.1993, 83.0473



77.5101, 85.1993, 105.3550



# Rectangle

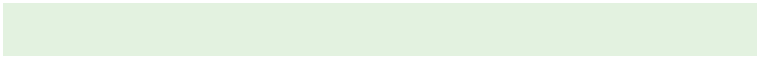
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.2629, 85.1993, 103.2181



86.5031, 85.1993, 90.0381



76.8418, 85.1993, 83.0473



75.6959, 85.1993, 95.5516

# Sweetspot

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



85.2654, 85.2030, 103.2200



93.1325, 96.6282, 108.3502



81.1023, 84.4564, 103.2953



19.9543, 20.7177, 23.1972



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.



85.2654, 85.2030, 103.2200



86.7672, 85.5030, 106.5383



85.4525, 85.4017, 98.6092



17.6924, 17.3696, 21.8055



23.1051, 10.8538, 48.8508

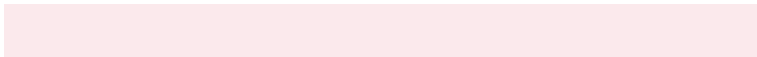


2.2128, 1.0428, 4.5278

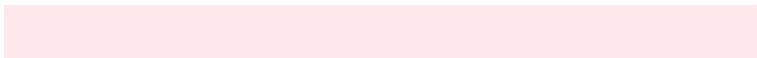


# Inverse Universe

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



84.0659, 84.8470, 91.3075



85.2330, 85.0503, 91.1863



83.6402, 92.5345, 94.8852



17.3626, 17.2724, 18.4994



21.1653, 10.8818, 2.3129

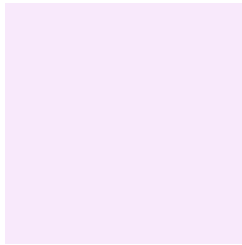


1.9927, 1.0208, 0.3850



# Previews

## White Background



This preview shows how the XYZ color 85.2629, 85.1993, 103.2181 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

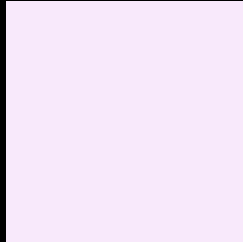
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 85.2629, 85.1993, 103.2181 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

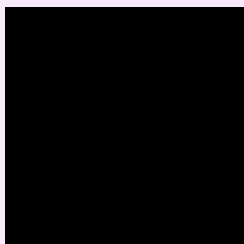
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 85.2629, 85.1993, 103.2181

## Background



This preview shows how black text looks on a background with the XYZ color 85.2629, 85.1993, 103.2181.



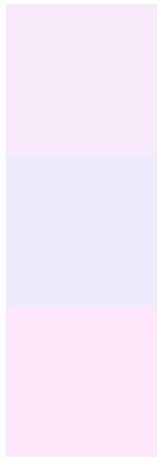
This preview shows how white text looks on a background with the XYZ color 85.2629, 85.1993,

103.2181.

# 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

85.2629, 85.1993, 103.2181

### Protanopia

82.6501, 85.0873, 104.9959

### Deuteranopia

86.8616, 85.1877, 103.1316



## Tritanopia

85.2629, 85.1993, 103.2181

# Trichromacy



## Original Color

85.2629, 85.1993, 103.2181

## Protanomaly

83.5546, 85.1457, 104.1264

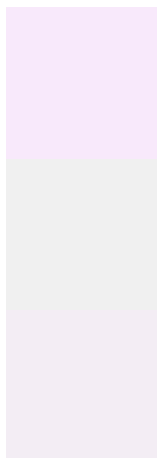
## Deuteranomaly

86.4141, 85.3737, 103.1910

## Tritanomaly

85.2629, 85.1993, 103.2181

# Monochromacy



## Original Color

85.2629, 85.1993, 103.2181

## Achromatopsia

82.8234, 87.1367, 94.8919

## Achromatomaly

83.5755, 86.1547, 97.8126

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 85.2629, 85.1993, 103.2181 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, 233, 251) looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 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, 233, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 251) }
```

## Border

The CSS property to change the border of an element to XYZ 85.2629, 85.1993, 103.2181 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, 233, 251) }
```



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

```
.border{ border-color:rgb(248, 233, 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, 233, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
251) }
```

# Background

The CSS property to change the background color of an element to XYZ 85.2629, 85.1993, 103.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 251) }
```

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

```
.background{ background-color: rgb(248,  
233, 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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