

Converting Colors

XYZ(85.7866, 88.6559,
104.1257)

Have a look what the booklet for
XYZ(85.7866, 88.6559, 104.1257)
contains.

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Color

**XYZ(85.5348, 88.3399,
103.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F0FB
RGB	243, 240, 251
RGB Percent	95%, 94%, 98%
CMY	0.0471, 0.0588, 0.0157
CMYK	0.03, 0.04, 0.00, 0.02
HSL	256°, 58%, 96%
HSV	256°, 4%, 98%
XYZ	85.5348, 88.3399, 103.8099
YIQ	242.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

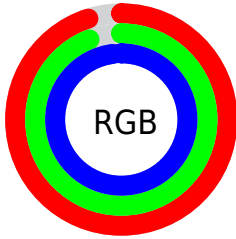
Format	Color
R_{YB}	243, 240, 251
Decimal	15986939
CIE _{Lab}	95.30, 2.97, -4.94
CIE _{LCh}	95, 5.766, 301.031
Yxy	88.3399, 0.3080, 0.3181
Android (android.graphics.Color)	4294177019 (0xFFFF3F0FB)
YUV	242.1510, 4.3626, 0.7446
Hunter-Lab	93.9893, -2.0377, 0.3075

Details

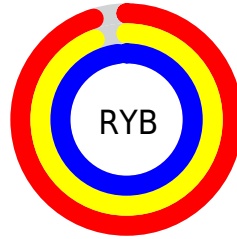
The XYZ color **85.5348, 88.3399, 103.8099** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.9401, 95.2444, 96.1389**, and the grayscale version is **84.4874, 88.8873, 96.7983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4843, 48.7859, 58.5437** is the 20% darker color. If you saturate the color by 10%, you get **72.6597, 71.4838, 101.2363**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5447**.

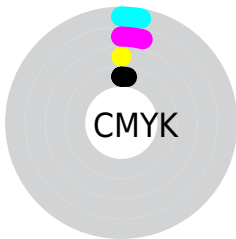
Distribution



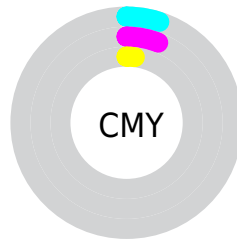
- Red (95%)
- Green (94%)
- Blue (98%)



- Red (95%)
- Yellow (94%)
- Blue (98%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)




- Cyan (5%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.5348, 88.3399, 103.8099 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 85.5348, 88.3399, 103.8099 by changing the saturation by 10% instead.


 85.5348, 88.3399,
103.8099

 85.5348, 88.3399,
103.8099


501.8531,
522.6157, 593.6904

 64.6073, 66.6046,
78.8516


140.0303,
145.0303, 168.4805

 47.4063, 48.7634,
58.2532

174.3291,
180.7541, 209.0298

 33.5662, 34.4318,
41.5962


213.8156,
221.9097, 255.6132

 22.7219, 23.2255,
28.4620

258.8554,
268.8812, 308.6492

 14.5078, 14.7601,
18.4322

309.8136,
322.0532, 368.5564

 8.5588, 8.6512,
11.0881

367.0558,

 4.5093, 4.5144,

381.8100, 435.7533

6.0112

430.9471,
448.5360, 510.6585

■ 1.9941, 1.9653,
2.7830

■ 0.6307, 0.5872,
0.9849

■ 85.5348, 88.3399,
103.8099

■ 85.5348, 88.3399,
103.8099

■ 72.6597, 71.4838,
101.2363

94.4128, 99.7451,
105.5447

■ 61.3710, 56.8983,
99.0160

■ 51.6076, 44.4883,
97.1352

■ 43.3015, 34.1473,
95.5770

■ 36.3792, 25.7600,
94.3229

■ 30.7605, 19.1994,
93.3527

■ 26.3564, 14.3229,
92.6436

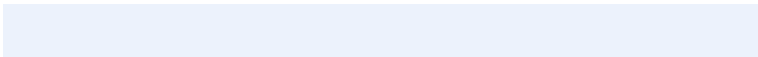
■ 23.0654, 10.9662,
92.1691

■ 20.7667, 8.9293,
91.8971

Harmonies

Analogous

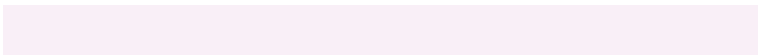
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0189, 88.3399, 105.1195



85.5348, 88.3399, 103.8099



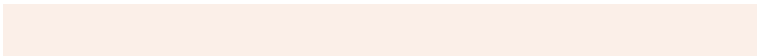
86.6411, 88.3399, 100.4481

Triad

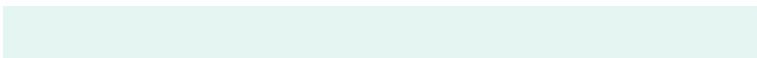
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5348, 88.3399, 103.8099



85.4393, 88.3399, 88.7990



80.9736, 88.3399, 96.3432

Complementary

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



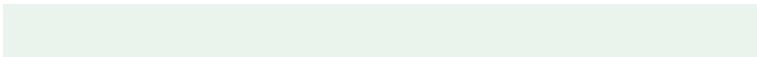
85.5348, 88.3399, 103.8099



88.9401, 95.2444, 96.1389

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.



81.3434, 88.3399, 92.0484



85.5348, 88.3399, 103.8099



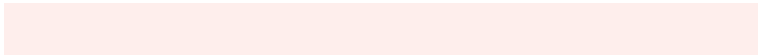
83.9100, 88.3399, 87.7757

Square

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



85.5348, 88.3399, 103.8099



86.5855, 88.3399, 91.7863



82.4134, 88.3399, 88.9470



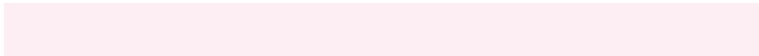
81.3968, 88.3399, 100.7264

Rectangle

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



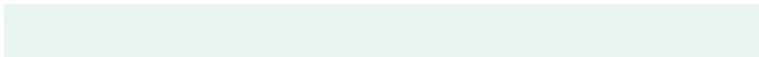
85.5348, 88.3399, 103.8099



86.9906, 88.3399, 97.5453



82.4134, 88.3399, 88.9470



81.0093, 88.3399, 94.8416

Sweetspot

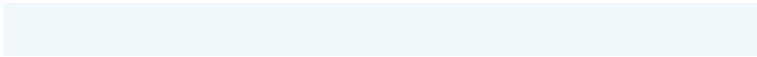
The Sweet Spot groups the original color and five complimentary colors.



85.5373, 88.3437, 103.8118



93.5626, 98.0336, 108.5988



86.9387, 92.6689, 104.5728



20.0419, 21.0040, 23.2478



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.



85.5373, 88.3437, 103.8118



87.7859, 90.4161, 107.4330



87.4407, 89.3249, 103.9009



17.7886, 18.2649, 21.9732



10.5390, 4.3757, 48.2627



1.0731, 0.4553, 4.4745

Inverse Universe

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



87.8902, 89.6107, 101.4758



90.5623, 91.9114, 104.6697



87.0411, 94.2655, 96.0500



18.4337, 18.6124, 21.3295



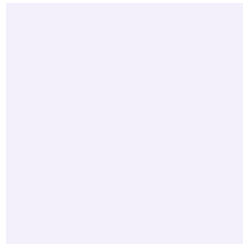
25.4478, 12.5949, 24.8644



2.4014, 1.1843, 2.5370

Previews

White Background



This preview shows how the XYZ color 85.5348, 88.3399, 103.8099 looks on a white background.

Color Contrast Check

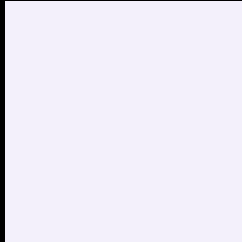
Large Text (above 18pt) WCAG AA × Fail

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 85.5348, 88.3399, 103.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

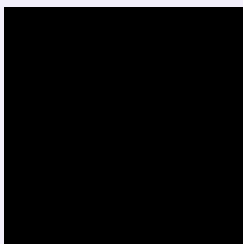
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

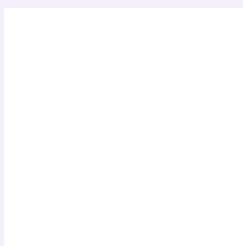
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.5348, 88.3399, 103.8099

Background



This preview shows how black text looks on a background with the XYZ color 85.5348, 88.3399, 103.8099.



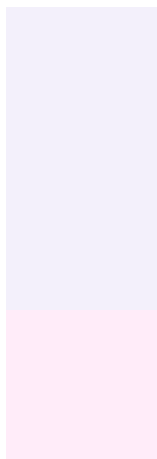
This preview shows how white text looks on a background with the XYZ color 85.5348, 88.3399,

103.8099.

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

85.5348, 88.3399, 103.8099

Protanopia

85.5348, 88.3399, 103.8099

Deuteranopia

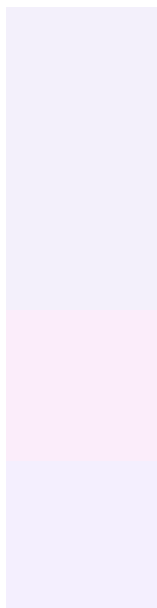
88.3343, 88.0905, 101.9700



Tritanopia

86.2247, 88.1861, 107.0848

Trichromacy



Original Color

85.5348, 88.3399, 103.8099

Protanomaly

85.5348, 88.3399, 103.8099

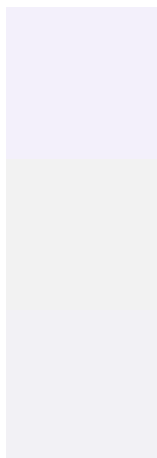
Deuteranomaly

87.3232, 87.9797, 102.8218

Tritanomaly

86.0641, 88.1219, 106.2391

Monochromacy



Original Color

85.5348, 88.3399, 103.8099

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5547, 88.3804, 98.9888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5348, 88.3399, 103.8099 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(243, 240, 251)` looks like.

```
.text, #text, p{  
    color:rgb(243, 240, 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(243, 240, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 240, 251) }
```

Border

The CSS property to change the border of an element to XYZ 85.5348, 88.3399, 103.8099 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(243, 240, 251) }
```


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

```
.border{ border-color:rgb(243, 240, 251) }
```

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

Here you see how a box with a 4 pixel rgb(243, 240, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 240, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 240, 251);  
box-shadow:4px 4px 4px 4px rgb(243, 240,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 85.5348, 88.3399, 103.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 240, 251) }
```

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

```
.background{ background-color: rgb(243,  
240, 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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