

Converting Colors

XYZ(85.3009, 88.1981,
102.8901)

Have a look what the booklet for
XYZ(85.3009, 88.1981, 102.8901)
contains.

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Color

**XYZ(85.3776, 88.2770,
102.9818)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F0FA
RGB	243, 240, 250
RGB Percent	95%, 94%, 98%
CMY	0.0471, 0.0588, 0.0196
CMYK	0.03, 0.04, 0.00, 0.02
HSL	258°, 50%, 96%
HSV	258°, 4%, 98%
XYZ	85.3776, 88.2770, 102.9818
YIQ	242.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

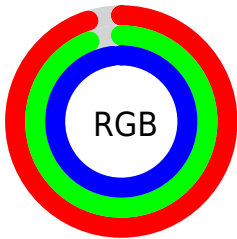
Format	Color
R _Y B	243, 240, 250
Decimal	15986938
CIE Lab	95.28, 2.79, -4.46
CIE LCh	95, 5.263, 302.022
Yxy	88.2770, 0.3086, 0.3191
Android (android.graphics.Color)	4294177018 (0xFF3F0FA)
YUV	242.0370, 3.9258, 0.8446
Hunter-Lab	93.9558, -2.2199, 0.7833

Details

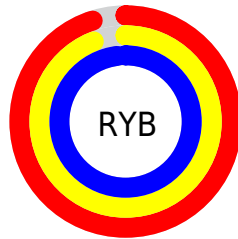
The XYZ color **85.3776, 88.2770, 102.9818** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.2748, 94.4390, 96.0185**, and the grayscale version is **84.4003, 88.7957, 96.6985**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3716, 48.7408, 57.9501** is the 20% darker color. If you saturate the color by 10%, you get **72.7634, 71.5932, 100.4277**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

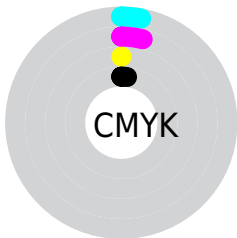
Distribution



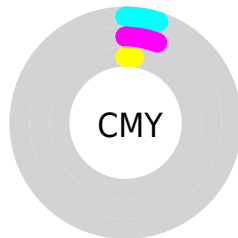
- Red (95%)
- Green (94%)
- Blue (98%)



- 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 85.3776, 88.2770, 102.9818 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 85.3776, 88.2770, 102.9818 by changing the saturation by 10% instead.

85.3776, 88.2770,
102.9818

85.3776, 88.2770,
102.9818

501.3416,
522.4099, 591.0390

64.4770, 66.5525,
78.1624

139.8119,
144.9427, 167.3364

47.3002, 48.7210,
57.6901

174.0763,
180.6528, 207.7086

33.4820, 34.3982,
41.1465

213.5260,
221.7934, 254.1021

22.6569, 23.1997,
28.1130

258.5264,
268.7491, 306.9356

14.4597, 14.7410,
18.1711

309.4428,
321.9042, 366.6274

8.5249, 8.6378,
10.9022

366.6405,

4.4872, 4.5057,

381.6431, 433.5963

5.8878

430.4850,
448.3502, 508.2606

■ 1.9813, 1.9603,
2.7093

■ 0.6234, 0.5842,
0.9481

■ 85.3776, 88.2770,
102.9818

■ 85.3776, 88.2770,
102.9818

■ 72.7634, 71.5932,
100.4277

■ 94.2556, 99.6822,
104.7166

■ 61.6795, 57.1397,
98.2221

■ 52.0675, 44.8237,
96.3514

■ 43.8626, 34.5413,
94.7992

■ 36.9946, 26.1799,
93.5472

■ 31.3872, 19.6154,
92.5757

■ 26.9553, 14.7091,
91.8623

■ 23.6022, 11.3007,
91.3811

■ 21.2131, 9.1961,
91.1008

Harmonies

Analogous

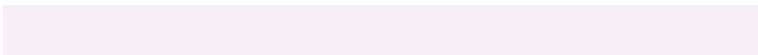
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0021, 88.2770, 104.2419



85.3776, 88.2770, 102.9818



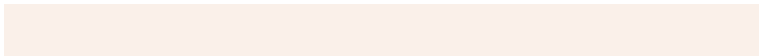
86.3673, 88.2770, 99.8772

Triad

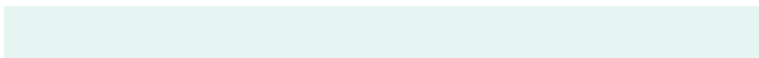
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3776, 88.2770, 102.9818



85.2069, 88.2770, 89.3014



81.1747, 88.2770, 96.3980

Complementary

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



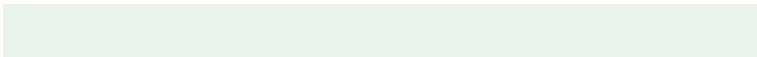
85.3776, 88.2770, 102.9818



88.2748, 94.4390, 96.0185

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.



81.4892, 88.2770, 92.4556



85.3776, 88.2770, 102.9818



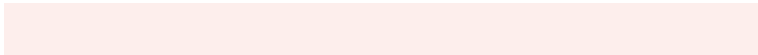
83.8072, 88.2770, 88.4288

Square

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



85.3776, 88.2770, 102.9818



86.2680, 88.2770, 91.9854



82.4487, 88.2770, 89.5674



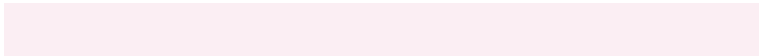
81.5848, 88.2770, 100.3739

Rectangle

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



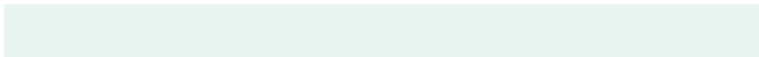
85.3776, 88.2770, 102.9818



86.6695, 88.2770, 97.2206



82.4487, 88.2770, 89.5674



81.1992, 88.2770, 95.0251

Sweetspot

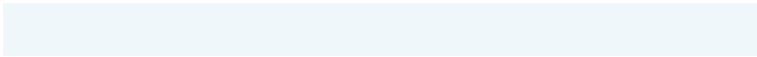
The Sweet Spot groups the original color and five complimentary colors.



85.3801, 88.2808, 102.9837



93.5880, 98.0467, 108.6000



86.5053, 92.0537, 103.6527



20.0471, 21.0066, 23.2480



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

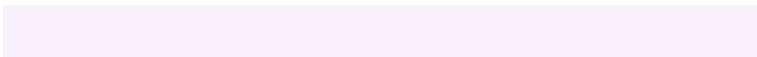
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3801, 88.2808, 102.9837



87.9078, 90.4790, 107.4387



87.0706, 89.1522, 103.0628



17.8169, 18.2795, 21.9745



10.8152, 4.5181, 48.2756



1.1036, 0.4710, 4.4759

Inverse Universe

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



87.3760, 89.3636, 100.6438



90.5073, 91.8895, 104.3804



86.5920, 93.5715, 95.9397



18.4209, 18.6072, 21.2622



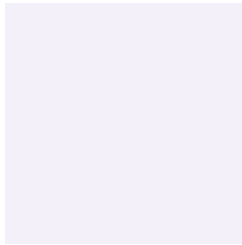
25.0863, 12.4502, 22.9605



2.3702, 1.1718, 2.3729

Previews

White Background



This preview shows how the XYZ color 85.3776, 88.2770, 102.9818 looks on a white background.

Color Contrast Check

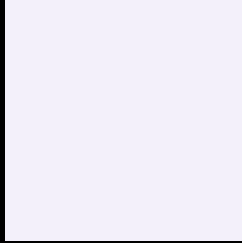
Large Text (above 18pt) WCAG AA × Fail

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 85.3776, 88.2770, 102.9818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

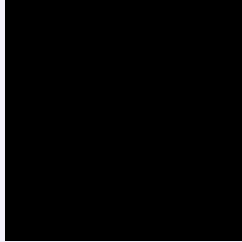
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.3776, 88.2770, 102.9818

Background



This preview shows how black text looks on a background with the XYZ color 85.3776, 88.2770, 102.9818.



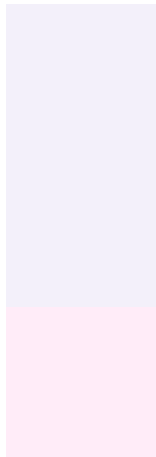
This preview shows how white text looks on a background with the XYZ color 85.3776, 88.2770,

102.9818.

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

85.3776, 88.2770, 102.9818

Protanopia

85.3776, 88.2770, 102.9818

Deuteranopia

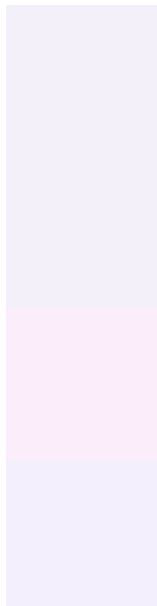
88.1787, 88.0282, 101.1506



Tritanopia

86.2247, 88.1861, 107.0848

Trichromacy



Original Color

85.3776, 88.2770, 102.9818

Protanomaly

85.3776, 88.2770, 102.9818

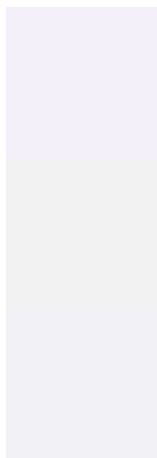
Deuteranomaly

87.1667, 87.9172, 101.9981

Tritanomaly

85.9044, 88.0579, 105.3977

Monochromacy



Original Color

85.3776, 88.2770, 102.9818

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 85.3776, 88.2770, 102.9818 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, 250) looks like.

```
.text, #text, p{  
    color:rgb(243, 240, 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(243, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 85.3776, 88.2770, 102.9818 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, 250) }
```


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

```
.border{ border-color:rgb(243, 240, 250) }
```

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, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(243, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3776, 88.2770, 102.9818 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, 250) }
```

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

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