

Converting Colors

XYZ(85.0334, 88.0995,
102.9657)

Have a look what the booklet for
XYZ(85.0334, 88.0995, 102.9657)
contains.

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Color

**XYZ(85.0334, 88.0995,
102.9657)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F0FA
RGB	242, 240, 250
RGB Percent	95%, 94%, 98%
CMY	0.0510, 0.0588, 0.0196
CMYK	0.03, 0.04, 0.00, 0.02
HSL	252°, 50%, 96%
HSV	252°, 4%, 98%
XYZ	85.0334, 88.0995, 102.9657
YIQ	241.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

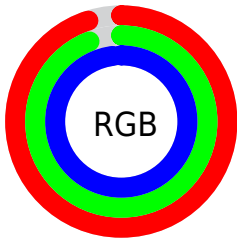
Format	Color
R _Y B	242, 240, 250
Decimal	15921402
CIE Lab	95.20, 2.46, -4.58
CIE LCh	95, 5.201, 298.269
Yxy	88.0995, 0.3080, 0.3191
Android (android.graphics.Color)	4294111482 (0xFF2F0FA)
YUV	241.7380, 4.0732, 0.2298
Hunter-Lab	93.8613, -2.5458, 0.6619

Details

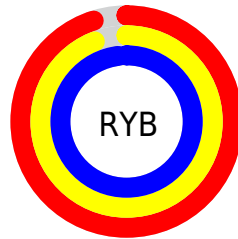
The XYZ color **85.0334, 88.0995, 102.9657** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.6284, 94.6213, 96.0349**, and the grayscale version is **84.1631, 88.5462, 96.4268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1278, 48.6151, 57.9387** is the 20% darker color. If you saturate the color by 10%, you get **71.6801, 71.0346, 100.3770**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7167**.

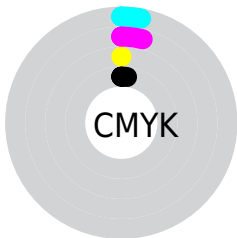
Distribution



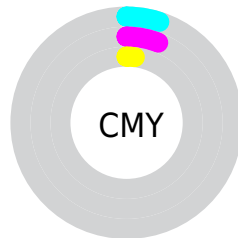
- Red (95%)
- Green (94%)
- Blue (98%)



- 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 85.0334, 88.0995, 102.9657 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 85.0334, 88.0995, 102.9657 by changing the saturation by 10% instead.

85.0334, 88.0995,
102.9657

85.0334, 88.0995,
102.9657

500.2206,
521.8290, 590.9874

64.1916, 66.4055,
78.1490

139.3336,
144.6957, 167.3141

47.0681, 48.6016,
57.6792

173.5227,
180.3666, 207.6829

33.2977, 34.3036,
41.1378

212.8916,
221.4653, 254.0727

22.5149, 23.1269,
28.1063

257.8057,
268.3762, 306.9022

14.3544, 14.6872,
18.1660

308.6303,
321.4836, 366.5899

8.4509, 8.6002,
10.8986

365.7307,

4.4390, 4.4813,

381.1719, 433.5543

5.8854

429.4724,
447.8256, 508.2139

■ 1.9534, 1.9463,
2.7078

■ 0.6076, 0.5760,
0.9474

■ 85.0334, 88.0995,
102.9657

■ 85.0334, 88.0995,
102.9657

■ 71.6801, 71.0346,
100.3770

■ 94.2556, 99.6822,
104.7167

■ 60.0240, 56.2863,
98.1446

■ 49.9985, 43.7571,
96.2546

■ 41.5294, 33.3385,
94.6900

■ 34.5365, 24.9126,
93.4322

■ 28.9325, 18.3500,
92.4609

■ 24.6203, 13.5054,
91.7530

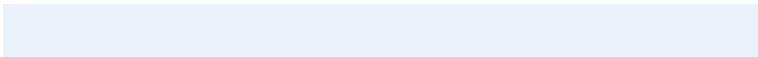
■ 21.4895, 10.2115,
91.2823

■ 19.4092, 8.2662,
91.0164

Harmonies

Analogous

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



83.6536, 88.0995, 103.9410



85.0334, 88.0995, 102.9657



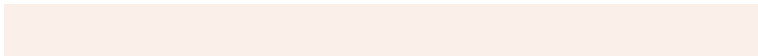
86.0755, 88.0995, 100.0895

Triad

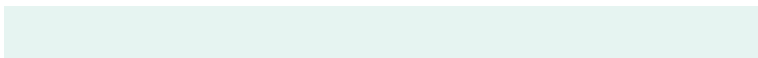
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0334, 88.0995, 102.9657



85.1776, 88.0995, 89.4384



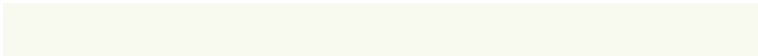
81.0411, 88.0995, 95.6897

Complementary

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



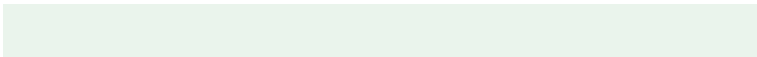
85.0334, 88.0995, 102.9657



88.6284, 94.6213, 96.0349

Split Complementary

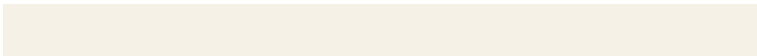
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4391, 88.0995, 91.8783



85.0334, 88.0995, 102.9657



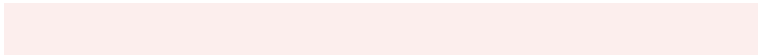
83.8183, 88.0995, 88.3329

Square

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



85.0334, 88.0995, 102.9657



86.1594, 88.0995, 92.2758



82.4517, 88.0995, 89.2135



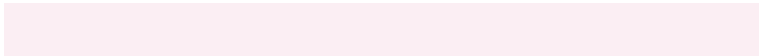
81.3583, 88.0995, 99.6699

Rectangle

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



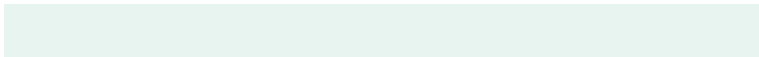
85.0334, 88.0995, 102.9657



86.4330, 88.0995, 97.5212



82.4517, 88.0995, 89.2135



81.0956, 88.0995, 94.3470

Sweetspot

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



85.0359, 88.1033, 102.9676



93.4951, 97.9988, 108.5957



86.8120, 92.6673, 103.7550



20.0282, 20.9969, 23.2472



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.



85.0359, 88.1033, 102.9676



87.4618, 90.2491, 107.4178



86.7173, 88.9701, 103.0463



17.7136, 18.2262, 21.9697



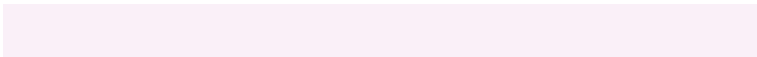
9.9406, 4.0673, 48.2347



1.0025, 0.4189, 4.4712

Inverse Universe

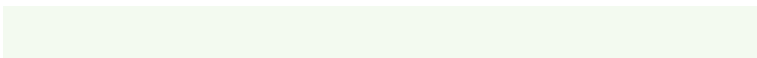
The Inverse Universe completely reimagines the original color for something new.



87.5307, 89.4254, 101.4586



90.7093, 91.9703, 105.4438



86.9363, 93.7490, 95.9557



18.4679, 18.6260, 21.5096



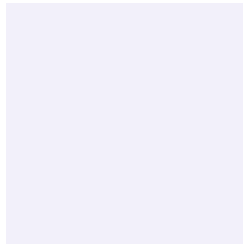
26.4988, 13.0152, 30.3987



2.4907, 1.2200, 3.0074

Previews

White Background



This preview shows how the XYZ color 85.0334, 88.0995, 102.9657 looks on a white background.

Color Contrast Check

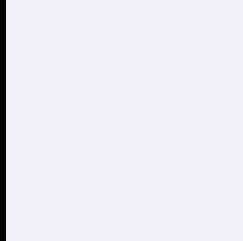
Large Text (above 18pt) WCAG AA × Fail

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 85.0334, 88.0995, 102.9657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

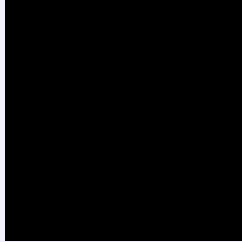
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

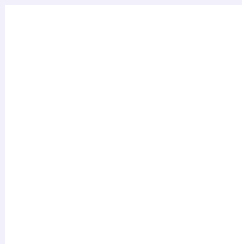
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0334, 88.0995, 102.9657

Background



This preview shows how black text looks on a background with the XYZ color 85.0334, 88.0995, 102.9657.



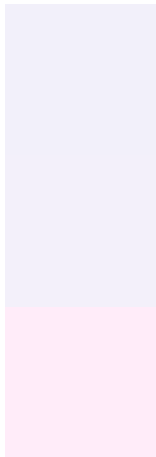
This preview shows how white text looks on a background with the XYZ color 85.0334, 88.0995,

102.9657.

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

85.0334, 88.0995, 102.9657

Protanopia

85.3776, 88.2770, 102.9818

Deuteranopia

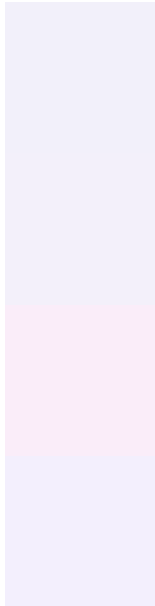
88.3343, 88.0905, 101.9700



Tritanopia

85.8787, 88.0077, 107.0686

Trichromacy



Original Color

85.0334, 88.0995, 102.9657

Protanomaly

85.3776, 88.2770, 102.9818

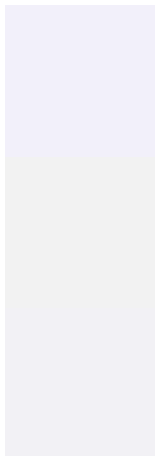
Deuteranomaly

86.8074, 87.7319, 101.9812

Tritanomaly

85.5583, 87.8795, 105.3815

Monochromacy



Original Color

85.0334, 88.0995, 102.9657

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 85.0334, 88.0995, 102.9657 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(242, 240, 250)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 85.0334, 88.0995, 102.9657 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(242, 240, 250) }
```


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

```
.border{ border-color:rgb(242, 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(242, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(242, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0334, 88.0995, 102.9657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 240, 250) }
```

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

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