

Converting Colors

XYZ(85.8192, 88.4645,
102.9125)

Have a look what the booklet for
XYZ(85.8192, 88.4645, 102.9125)
contains.

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Color

**XYZ(85.7236, 88.4554,
102.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F0FA
RGB	244, 240, 250
RGB Percent	96%, 94%, 98%
CMY	0.0431, 0.0588, 0.0196
CMYK	0.02, 0.04, 0.00, 0.02
HSL	264°, 50%, 96%
HSV	264°, 4%, 98%
XYZ	85.7236, 88.4554, 102.9980
YIQ	242.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

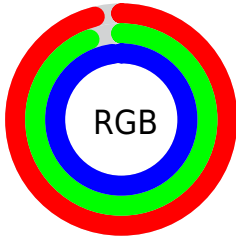
Format	Color
R_{YB}	244, 240, 250
Decimal	16052474
CIE _{Lab}	95.35, 3.12, -4.34
CIE _{LCh}	95, 5.347, 305.680
Yxy	88.4554, 0.3093, 0.3191
Android (android.graphics.Color)	4294242554 (0xFFFF4F0FA)
YUV	242.3360, 3.7784, 1.4593
Hunter-Lab	94.0507, -1.8929, 0.9051

Details

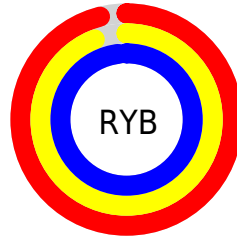
The XYZ color **85.7236, 88.4554, 102.9980** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9232, 94.2578, 96.0021**, and the grayscale version is **84.6379, 89.0456, 96.9707**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6171, 48.8674, 57.9616** is the 20% darker color. If you saturate the color by 10%, you get **73.8690, 72.1632, 100.4794**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7166**.

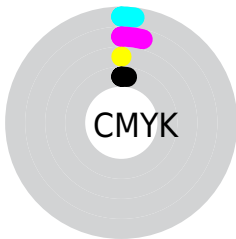
Distribution



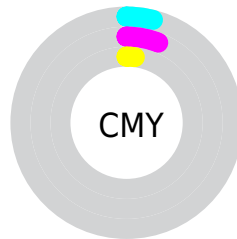
- Red (96%)
- Green (94%)
- Blue (98%)



- Red (96%)
- Yellow (94%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7236, 88.4554, 102.9980 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 85.7236, 88.4554, 102.9980 by changing the saturation by 10% instead.


 85.7236, 88.4554,
102.9980

 85.7236, 88.4554,
102.9980

502.4671,
522.9934, 591.0909

 64.7639, 66.7003,
78.1759


140.2925,
145.1910, 167.3587

 47.5337, 48.8411,
57.7011


174.6325,
180.9403, 207.7344

 33.6675, 34.4934,
41.1553


214.1633,
222.1231, 254.1317

 22.7999, 23.2729,
28.1199

259.2503,
269.1238, 306.9691

 14.5657, 14.7952,
18.1762

310.2588,
322.3267, 366.6652

 8.5995, 8.6758,
10.9058

367.5542,

 4.5359, 4.5303,

382.1164, 433.6385

5.8902

431.5018,
448.8772, 508.3076

■ 2.0095, 1.9744,
2.7107

■ 0.6393, 0.5925,
0.9488

■ 85.7236, 88.4554,
102.9980

■ 85.7236, 88.4554,
102.9980

■ 73.8690, 72.1632,
100.4794

94.2556, 99.6822,
104.7166

■ 63.3985, 58.0259,
98.3025

■ 54.2601, 45.9541,
96.4541

■ 46.3958, 35.8472,
94.9177

■ 39.7425, 27.5964,
93.6758

■ 34.2315, 21.0817,
92.7088

■ 29.7863, 16.1686,
91.9948

■ 26.3195, 12.7015,
91.5083

■ 23.7262, 10.4916,
91.2184

Harmonies

Analogous

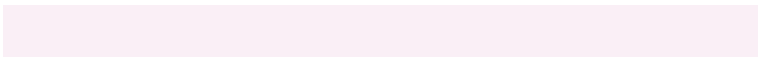
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3526, 88.4554, 104.5439



85.7236, 88.4554, 102.9980



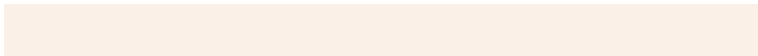
86.6606, 88.4554, 99.6649

Triad

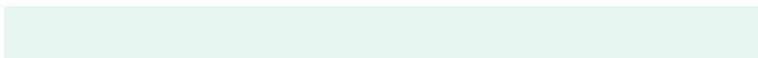
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7236, 88.4554, 102.9980



85.2366, 88.4554, 89.1649



81.3092, 88.4554, 97.1114

Complementary

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



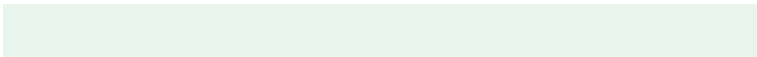
85.7236, 88.4554, 102.9980



87.9232, 94.2578, 96.0021

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.



81.5398, 88.4554, 93.0369



85.7236, 88.4554, 102.9980



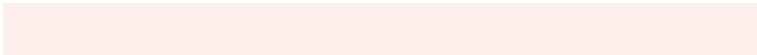
83.7964, 88.4554, 88.5257

Square

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



85.7236, 88.4554, 102.9980



86.3771, 88.4554, 91.6955



82.4461, 88.4554, 89.9235



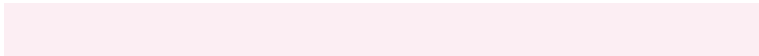
81.8126, 88.4554, 101.0827

Rectangle

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



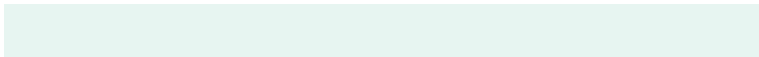
85.7236, 88.4554, 102.9980



86.9071, 88.4554, 96.9203



82.4461, 88.4554, 89.9235



81.3036, 88.4554, 95.7080

Sweetspot

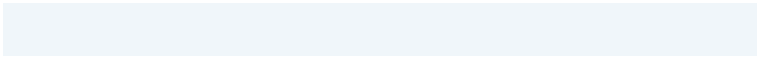
The Sweet Spot groups the original color and five complimentary colors.



85.7261, 88.4592, 102.9999



93.6810, 98.0946, 108.6044



86.2002, 91.4435, 103.5510



20.0660, 21.0164, 23.2489



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.



85.7261, 88.4592, 102.9999



88.3568, 90.7104, 107.4597



87.4257, 89.3353, 103.0795



17.9210, 18.3331, 21.9794



12.0883, 5.1744, 48.3352



1.2355, 0.5390, 4.4821

Inverse Universe

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



87.2222, 89.3021, 99.8334



90.3067, 91.8092, 103.3242



86.2495, 93.3949, 95.9238



18.3743, 18.5886, 21.0167



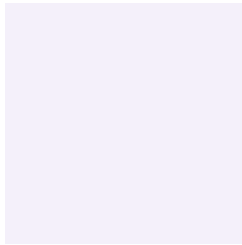
23.9077, 11.9788, 16.7541



2.2666, 1.1304, 1.8273

Previews

White Background



This preview shows how the XYZ color 85.7236, 88.4554, 102.9980 looks on a white background.

Color Contrast Check

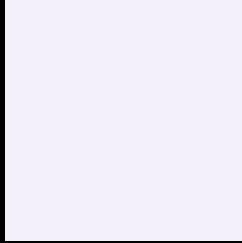
Large Text (above 18pt) WCAG AA × Fail

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 85.7236, 88.4554, 102.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

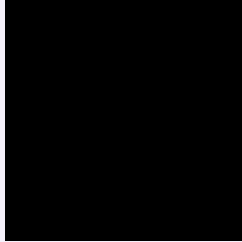
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

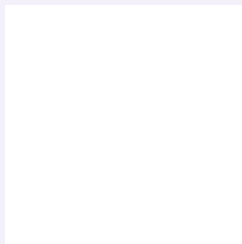
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7236, 88.4554, 102.9980

Background



This preview shows how black text looks on a background with the XYZ color 85.7236, 88.4554, 102.9980.



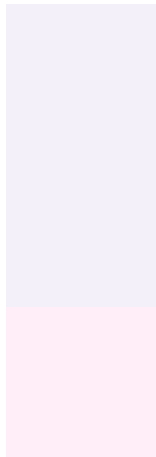
This preview shows how white text looks on a background with the XYZ color 85.7236, 88.4554,

102.9980.

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

85.7236, 88.4554, 102.9980

Protanopia

85.3776, 88.2770, 102.9818

Deuteranopia

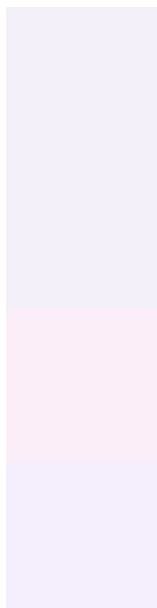
88.4675, 88.6057, 101.2468



Tritanopia

86.5727, 88.3655, 107.1011

Trichromacy



Original Color

85.7236, 88.4554, 102.9980

Protanomaly

85.3776, 88.2770, 102.9818

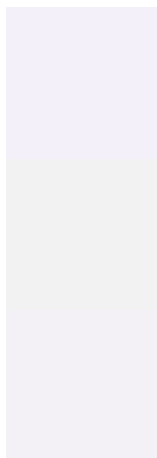
Deuteranomaly

87.4571, 88.4979, 102.0948

Tritanomaly

86.2523, 88.2373, 105.4140

Monochromacy



Original Color

85.7236, 88.4554, 102.9980

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.8989, 88.5579, 99.0049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7236, 88.4554, 102.9980 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(244, 240, 250) looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 85.7236, 88.4554, 102.9980 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(244, 240, 250) }
```


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

```
.border{ border-color:rgb(244, 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(244, 240, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7236, 88.4554, 102.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 240, 250) }
```

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

```
.background{ background-color: rgb(244,  
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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