

Converting Colors

XYZ(86.4929, 86.6918,
103.0335)

Have a look what the booklet for
XYZ(86.4929, 86.6918, 103.0335)
contains.

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Color

**XYZ(86.5453, 86.7057,
103.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEBFB
RGB	250, 235, 251
RGB Percent	98%, 92%, 98%
CMY	0.0196, 0.0784, 0.0157
CMYK	0.00, 0.06, 0.00, 0.02
HSL	296°, 67%, 95%
HSV	296°, 6%, 98%
XYZ	86.5453, 86.7057, 103.4412
YIQ	241.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

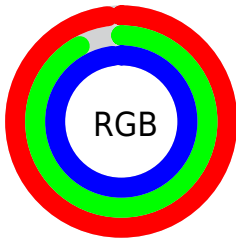
Format	Color
R_{YB}	250, 235, 251
Decimal	16444411
CIE Lab	94.61, 7.84, -5.90
CIE LCh	95, 9.813, 323.054
Yxy	86.7057, 0.3128, 0.3134
Android (android.graphics.Color)	4294634491 (0xFFFAEBFB)
YUV	241.3090, 4.7777, 7.6220
Hunter-Lab	93.1159, 2.9516, -0.6833

Details

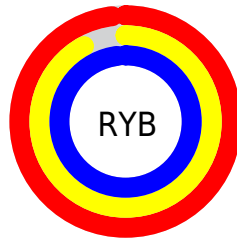
The XYZ color **86.5453, 86.7057, 103.4412** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.0878, 92.8276, 92.0873**, and the grayscale version is **83.8161, 88.1810, 96.0292**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2186, 47.6497, 58.2857** is the 20% darker color. If you saturate the color by 10%, you get **79.3013, 73.0474, 101.1880**, and if you desaturate by 10%, it is **93.1623, 99.1005, 105.4862**.

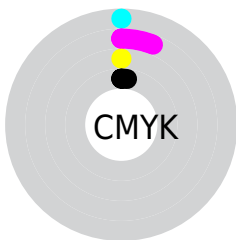
Distribution



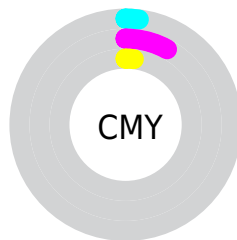
- Red (98%)
- Green (92%)
- Blue (98%)



- Red (98%)
- Yellow (92%)
- Blue (98%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5453, 86.7057, 103.4412 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 86.5453, 86.7057, 103.4412 by changing the saturation by 10% instead.


 86.5453, 86.7057,
103.4412

 86.5453, 86.7057,
103.4412


505.1345,
517.2553, 592.5107

 65.4458, 65.2517,
78.5447

141.4331,
142.7539, 167.9712

 48.0887, 47.6652,
58.0024


175.9521,
178.1168, 208.4417

 34.1087, 33.5618,
41.3959

215.6749,
218.8848, 254.9407

 23.1404, 22.5572,
28.3065

260.9670,
265.4424, 307.8866

 14.8185, 14.2669,
18.3158

312.1936,
318.1738, 367.6980

 8.7776, 8.3065,
11.0052

369.7202,

 4.6523, 4.2917,

377.4635, 434.7935

5.9561

433.9121,
443.6959, 509.5915

■ 2.0774, 1.8380,
2.7500

■ 0.6769, 0.5107,
0.9685

■ 86.5453, 86.7057,
103.4412

■ 86.5453, 86.7057,
103.4412

■ 79.3013, 73.0474,
101.1880

■ 93.1623, 99.1005,
105.4862

■ 73.0311, 61.3312,
99.2570

■ 93.7316, 99.3939,
105.5128

■ 67.6920, 51.4704,
97.6351

■ 94.3055, 99.6898,
105.5397

■ 63.2353, 43.3674,
96.3059

■ 94.4128, 99.7451,
105.5447

■ 59.6078, 36.9157,
95.2518

■ 56.7503, 31.9974,
94.4531

■ 54.5961, 28.4788,
93.8875

■ 53.0669, 26.2034,
93.5289

■ 52.0650, 24.9757,
93.3447

Harmonies

Analogous

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



84.4200, 86.7057, 108.4624



86.5453, 86.7057, 103.4412



87.5664, 86.7057, 96.1813

Triad

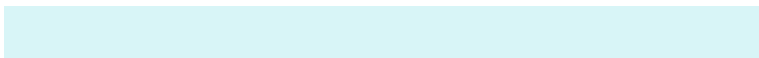
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5453, 86.7057, 103.4412



83.0281, 86.7057, 80.6675



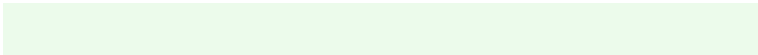
77.8170, 86.7057, 100.2305

Complementary

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



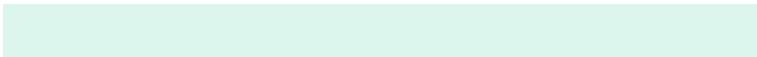
86.5453, 86.7057, 103.4412



84.0878, 92.8276, 92.0873

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.



77.4623, 86.7057, 92.6562



86.5453, 86.7057, 103.4412



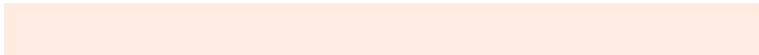
80.4345, 86.7057, 81.6229

Square

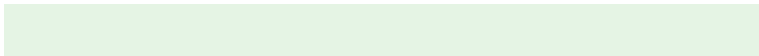
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5453, 86.7057, 103.4412



85.5078, 86.7057, 83.2330



78.4108, 86.7057, 85.9162



79.3902, 86.7057, 106.5405

Rectangle

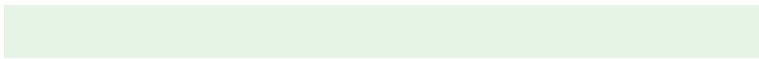
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.5453, 86.7057, 103.4412



87.4684, 86.7057, 91.1542



78.4108, 86.7057, 85.9162



77.5527, 86.7057, 97.7378

Sweetspot

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



86.5478, 86.7094, 103.4431



93.3274, 96.7287, 108.3594



81.6919, 84.6608, 103.3036



19.9939, 20.7382, 23.1990



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.



86.5478, 86.7094, 103.4431



88.4164, 87.4269, 106.8228



85.8340, 86.4654, 97.8093



17.8796, 17.4661, 21.8142



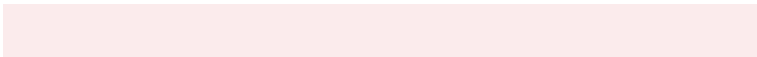
27.2629, 12.9972, 49.0454



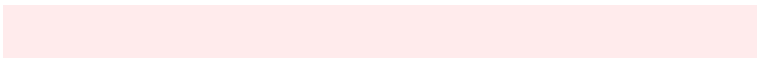
2.5565, 1.2200, 4.5439

Inverse Universe

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



84.6353, 85.9859, 91.4973



85.9561, 86.4967, 91.4268



84.7781, 93.0655, 97.4502



17.2886, 17.2428, 18.1095



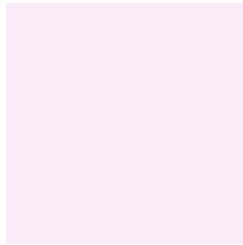
20.9770, 10.8065, 1.3215



1.9578, 1.0068, 0.2010

Previews

White Background



This preview shows how the XYZ color 86.5453, 86.7057, 103.4412 looks on a white background.

Color Contrast Check

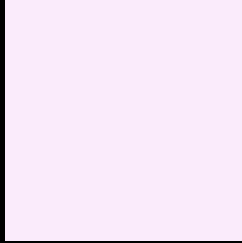
Large Text (above 18pt) WCAG AA × Fail

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 86.5453, 86.7057, 103.4412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

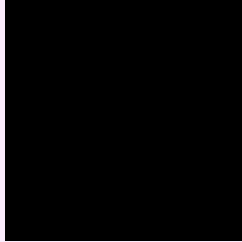
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.5453, 86.7057, 103.4412

Background



This preview shows how black text looks on a background with the XYZ color 86.5453, 86.7057, 103.4412.



This preview shows how white text looks on a background with the XYZ color 86.5453, 86.7057,

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

86.5453, 86.7057, 103.4412

Protanopia

84.2393, 86.7662, 105.2362

Deuteranopia

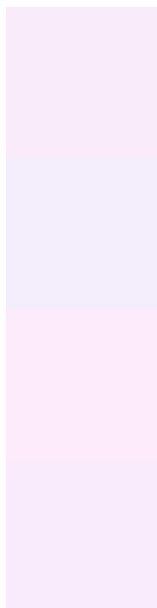
87.6342, 86.4400, 102.5082



Tritanopia

86.8623, 86.8325, 105.1107

Trichromacy



Original Color

86.5453, 86.7057, 103.4412

Protanomaly

85.1631, 86.8297, 104.3667

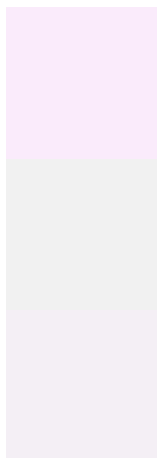
Deuteranomaly

87.1862, 86.6304, 102.5686

Tritanomaly

86.7034, 86.7689, 104.2738

Monochromacy



Original Color

86.5453, 86.7057, 103.4412

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.6562, 87.5587, 98.8249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5453, 86.7057, 103.4412 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(250, 235, 251)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 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(250, 235, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.5453, 86.7057, 103.4412 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(250, 235, 251) }
```


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

```
.border{ border-color:rgb(250, 235, 251) }
```

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

Here you see how a box with a 4 pixel rgb(250, 235, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 251);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5453, 86.7057, 103.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 251) }
```

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

```
.background{ background-color: rgb(250,  
235, 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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