

Converting Colors

XYZ(85.2501, 84.9340,
104.1020)

Have a look what the booklet for
XYZ(85.2501, 84.9340, 104.1020)
contains.

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Color

**XYZ(85.1387, 84.6980,
103.9565)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E8FC
RGB	248, 232, 252
RGB Percent	97%, 91%, 99%
CMY	0.0274, 0.0902, 0.0118
CMYK	0.02, 0.08, 0.00, 0.01
HSL	288°, 77%, 95%
HSV	288°, 8%, 99%
XYZ	85.1387, 84.6980, 103.9565
YIQ	239.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

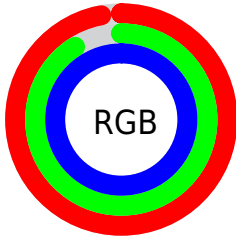
Format	Color
RYB	248, 232, 252
Decimal	16312572
CIELab	93.75, 8.91, -7.71
CIELCh	94, 11.783, 319.143
Yxy	84.6980, 0.3110, 0.3094
Android (android.graphics.Color)	4294502652 (0xFFFF8E8FC)
YUV	239.0640, 6.3774, 7.8369
Hunter-Lab	92.0315, 4.0759, -2.5504

Details

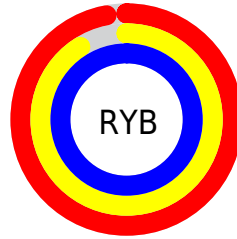
The XYZ color **85.1387, 84.6980, 103.9565** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9712, 93.2821, 89.9278**, and the grayscale version is **82.0463, 86.3191, 94.0015**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1139, 46.1973, 58.0636** is the 20% darker color. If you saturate the color by 10%, you get **76.7853, 70.6076, 101.6783**, and if you desaturate by 10%, it is **93.8544, 99.4390, 106.3437**.

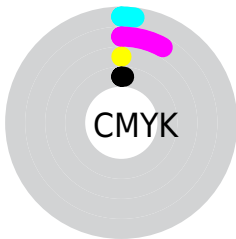
Distribution



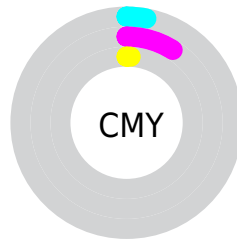
- Red (97%)
- Green (91%)
- Blue (99%)



- Red (97%)
- Yellow (91%)
- Blue (99%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (3%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1387, 84.6980, 103.9565 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 85.1387, 84.6980, 103.9565 by changing the saturation by 10% instead.

85.1387, 84.6980,
103.9565

85.1387, 84.6980,
103.9565

500.5637,
510.6282, 594.1591

64.2789, 63.5919,
78.9736

139.4800,
139.9512, 168.6829

47.1391, 46.3202,
58.3529

173.6921,
174.8670, 209.2635

33.3540, 32.4986,
41.6759

213.0858,
215.1548, 255.8805

22.5583, 21.7426,
28.5239

258.0262,
261.1991, 308.9523

14.3866, 13.6679,
18.4785

308.8789,
313.3842, 368.8975

8.4736, 7.8900,
11.1211

366.0091,

4.4538, 4.0247,

372.0945, 436.1347

6.0331

429.7823,
437.7143, 511.0824

■ 1.9619, 1.6874,
2.7961

■ 0.6124, 0.4155,
0.9915

■ 85.1387, 84.6980,
103.9565

■ 85.1387, 84.6980,
103.9565

■ 76.7853, 70.6076,
101.6783

93.8544, 99.4390,
106.3437

■ 69.4512, 58.4862,
99.7252

94.5709, 99.8084,
106.3772

■ 63.0923, 48.2448,
98.0836

■ 57.6583, 39.7836,
96.7368

■ 53.0944, 32.9932,
95.6667

■ 49.3394, 27.7521,
94.8529

■ 46.3240, 23.9221,
94.2726

■ 43.9664, 21.3402,
93.8985

■ 42.1562, 19.7864,
93.6940

Harmonies

Analogous

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



82.4916, 84.6980, 109.4723



85.1387, 84.6980, 103.9565



86.5561, 84.6980, 95.5048

Triad

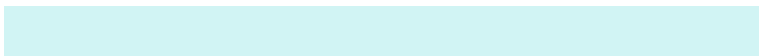
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1387, 84.6980, 103.9565



81.6413, 84.6980, 76.3166



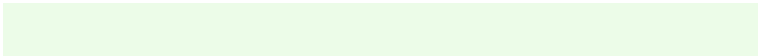
74.9530, 84.6980, 97.9870

Complementary

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



85.1387, 84.6980, 103.9565



83.9712, 93.2821, 89.9278

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.



74.7387, 84.6980, 89.0147



85.1387, 84.6980, 103.9565



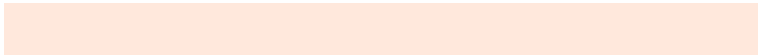
78.5464, 84.6980, 76.8858

Square

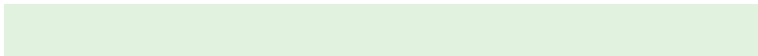
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.1387, 84.6980, 103.9565



84.5024, 84.6980, 79.7962



76.0385, 84.6980, 81.4050



76.6317, 84.6980, 105.8746

Rectangle

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



85.1387, 84.6980, 103.9565



86.5889, 84.6980, 89.5114



76.0385, 84.6980, 81.4050



74.7090, 84.6980, 94.9862

Sweetspot

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



85.1412, 84.7016, 103.9583



93.0702, 96.5961, 108.3473



80.9445, 84.3710, 104.1157



19.9416, 20.7112, 23.1966



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.



85.1412, 84.7016, 103.9583



85.5960, 83.8411, 106.2793



85.6899, 85.0867, 99.3665



17.6330, 17.3389, 21.8027



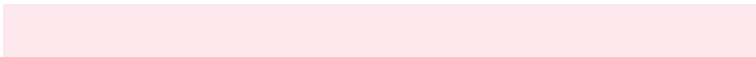
21.9066, 10.2359, 48.7947



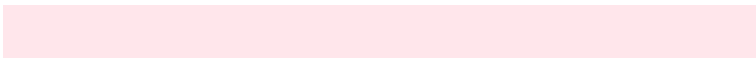
2.1123, 0.9910, 4.5231

Inverse Universe

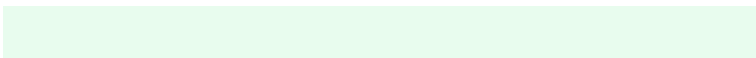
The Inverse Universe completely reimagines the original color for something new.



84.1448, 84.4687, 91.2304



84.3356, 83.5508, 89.9773



83.4758, 92.9323, 94.1740



17.3865, 17.2820, 18.6253



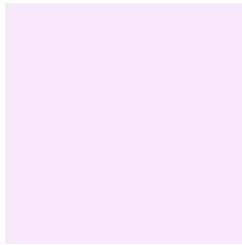
21.2577, 10.9188, 2.7995



2.0047, 1.0256, 0.4479

Previews

White Background



This preview shows how the XYZ color 85.1387, 84.6980, 103.9565 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 85.1387, 84.6980, 103.9565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

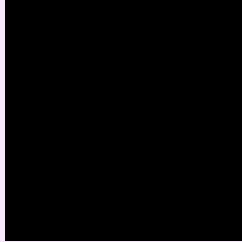
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

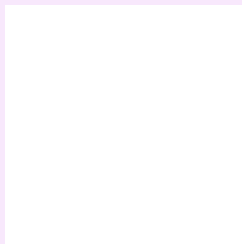
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1387, 84.6980, 103.9565

Background



This preview shows how black text looks on a background with the XYZ color 85.1387, 84.6980, 103.9565.



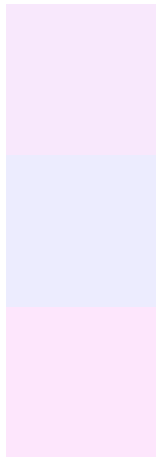
This preview shows how white text looks on a background with the XYZ color 85.1387, 84.6980,

103.9565.

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

85.1387, 84.6980, 103.9565

Protanopia

82.4769, 84.9795, 105.8216

Deuteranopia

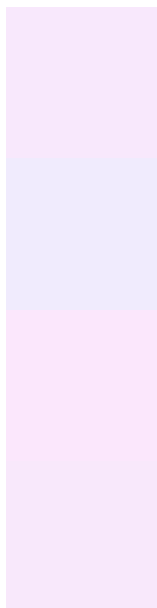
86.3755, 84.5046, 103.8540



Tritanopia

84.9806, 84.6347, 103.1240

Trichromacy



Original Color

85.1387, 84.6980, 103.9565

Protanomaly

83.3731, 85.0338, 104.9474

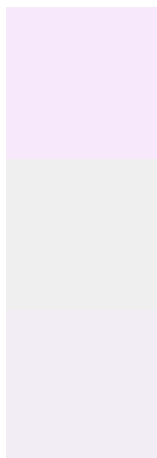
Deuteranomaly

85.9303, 84.6893, 103.9131

Tritanomaly

84.9806, 84.6347, 103.1240

Monochromacy



Original Color

85.1387, 84.6980, 103.9565

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.9425, 85.3998, 97.7002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1387, 84.6980, 103.9565 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(248, 232, 252)` looks like.

```
.text, #text, p{  
    color:rgb(248, 232, 252)  
}
```

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(248, 232, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 232, 252) }
```

Border

The CSS property to change the border of an element to XYZ 85.1387, 84.6980, 103.9565 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(248, 232, 252) }
```


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

```
.border{ border-color:rgb(248, 232, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 232, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 232, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 232, 252);  
box-shadow:4px 4px 4px 4px rgb(248, 232,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1387, 84.6980, 103.9565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 232, 252) }
```

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

```
.background{ background-color: rgb(248,  
232, 252) }
```

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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