

Converting Colors

XYZ(84.5478, 84.3613,
102.0010)

Have a look what the booklet for
XYZ(84.5478, 84.3613, 102.0010)
contains.

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Color

**XYZ(84.8233, 84.5718,
102.2958)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E8FA
RGB	248, 232, 250
RGB Percent	97%, 91%, 98%
CMY	0.0274, 0.0902, 0.0196
CMYK	0.01, 0.07, 0.00, 0.02
HSL	293°, 64%, 95%
HSV	293°, 7%, 98%
XYZ	84.8233, 84.5718, 102.2958
YIQ	238.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

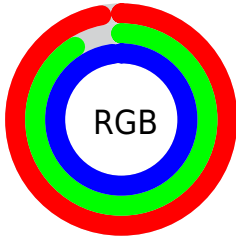
Format	Color
R_{YB}	248, 232, 250
Decimal	16312570
CIE _{Lab}	93.70, 8.55, -6.75
CIE _{LCh}	94, 10.893, 321.723
Yxy	84.5718, 0.3122, 0.3113
Android (android.graphics.Color)	4294502650 (0xFF8E8FA)
YUV	238.8360, 5.5039, 8.0368
Hunter-Lab	91.9629, 3.7069, -1.5777

Details

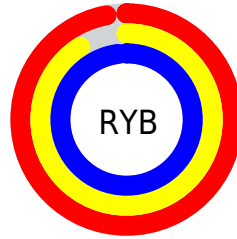
The XYZ color **84.8233, 84.5718, 102.2958** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6860, 91.6921, 89.6886**, and the grayscale version is **81.8751, 86.1390, 93.8054**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0012, 46.1522, 57.4700** is the 20% darker color. If you saturate the color by 10%, you get **77.3038, 70.9832, 100.0705**, and if you desaturate by 10%, it is **92.7200, 98.8906, 104.6447**.

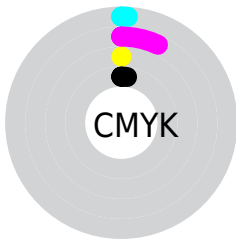
Distribution



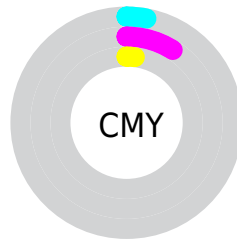
- Red (97%)
- Green (91%)
- Blue (98%)



- Red (97%)
- Yellow (91%)
- Blue (98%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.8233, 84.5718, 102.2958 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 84.8233, 84.5718, 102.2958 by changing the saturation by 10% instead.

84.8233, 84.5718,
102.2958

84.8233, 84.5718,
102.2958

499.5357,
510.2101, 588.8378

64.0174, 63.4876,
77.5917

139.0416,
139.7748, 166.3879

46.9265, 46.2358,
57.2242

173.1847,
174.6623, 206.6130

33.1853, 32.4319,
40.7747

212.5042,
214.9198, 252.8488

22.4283, 21.6916,
27.8247

257.3655,
260.9317, 305.5139

14.2903, 13.6305,
17.9557

308.1339,
313.0822, 365.0268

8.4059, 7.8641,
10.7491

365.1749,

4.4097, 4.0081,

371.7559, 431.8061

5.7863

428.8537,
437.3370, 506.2702

■ 1.9365, 1.6781,
2.6489

■ 0.5979, 0.4094,
0.9175

■ 84.8233, 84.5718,
102.2958

■ 84.8233, 84.5718,
102.2958

■ 77.3038, 70.9832,
100.0705

■ 92.7200, 98.8906,
104.6447

■ 70.7554, 59.3164,
98.1637

■ 93.7272, 99.4098,
104.6918

■ 65.1355, 49.4849,
96.5623

■ 94.2556, 99.6822,
104.7165

■ 60.3952, 41.3914,
95.2499

■ 56.4815, 34.9296,
94.2089

■ 53.3352, 29.9816,
93.4197

■ 50.8895, 26.4135,
92.8599

■ 49.0655, 24.0678,
92.5033

■ 47.7618, 22.7416,
92.3160

Harmonies

Analogous

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



82.4566, 84.5718, 107.6692



84.8233, 84.5718, 102.2958



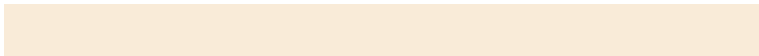
86.0066, 84.5718, 94.3938

Triad

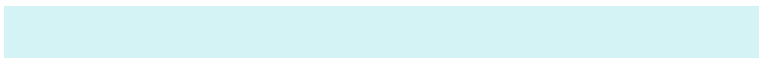
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8233, 84.5718, 102.2958



81.1854, 84.5718, 77.2204



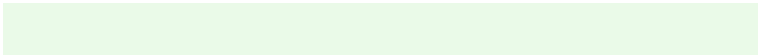
75.3318, 84.5718, 98.0992

Complementary

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



84.8233, 84.5718, 102.2958



82.6860, 91.6921, 89.6886

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.



75.0099, 84.5718, 89.8128



84.8233, 84.5718, 102.2958



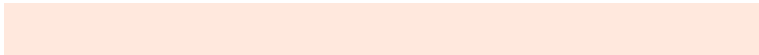
78.3444, 84.5718, 78.0809

Square

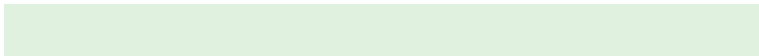
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8233, 84.5718, 102.2958



83.8736, 84.5718, 80.1509



76.1003, 84.5718, 82.5761



76.9905, 84.5718, 105.1471

Rectangle

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



84.8233, 84.5718, 102.2958



85.9460, 84.5718, 88.8895



76.1003, 84.5718, 82.5761



75.0653, 84.5718, 95.3547

Sweetspot

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



84.8258, 84.5754, 102.2976



93.2363, 96.6817, 108.3551



79.9889, 82.9646, 102.2416



19.9754, 20.7286, 23.1982



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.



84.8258, 84.5754, 102.2976



87.2285, 85.7408, 106.5599



84.4764, 84.5180, 96.7370



17.7919, 17.4209, 21.8101



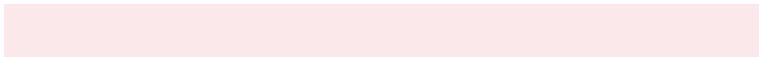
25.2435, 11.9562, 48.9508



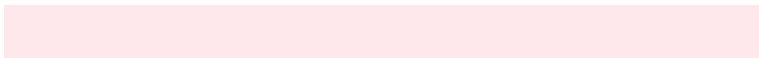
2.3905, 1.1344, 4.5361

Inverse Universe

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



83.1352, 83.9816, 89.6746



85.0484, 84.9765, 90.2146



83.0325, 91.7553, 94.9214



17.3230, 17.2566, 18.2908



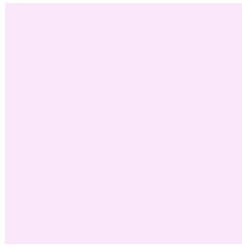
21.0470, 10.8345, 1.6900



1.9741, 1.0134, 0.2869

Previews

White Background



This preview shows how the XYZ color 84.8233, 84.5718, 102.2958 looks on a white background.

Color Contrast Check

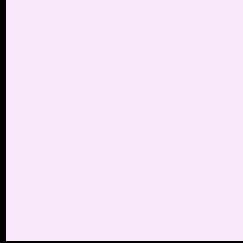
Large Text (above 18pt) WCAG AA × Fail

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 84.8233, 84.5718, 102.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

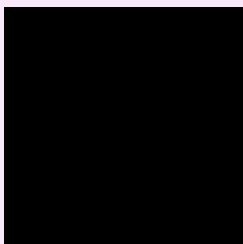
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8233, 84.5718, 102.2958

Background



This preview shows how black text looks on a background with the XYZ color 84.8233, 84.5718, 102.2958.



This preview shows how white text looks on a background with the XYZ color 84.8233, 84.5718,

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

84.8233, 84.5718, 102.2958

Protanopia

82.2041, 84.4495, 104.0632

Deuteranopia

86.4252, 84.5666, 102.2104



Tritanopia

84.8233, 84.5718, 102.2958

Trichromacy



Original Color

84.8233, 84.5718, 102.2958

Protanomaly

83.1110, 84.5114, 103.1987

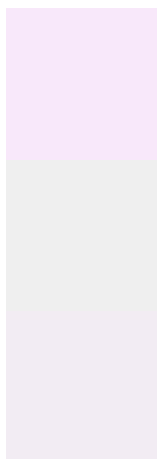
Deuteranomaly

85.9761, 84.7494, 102.2693

Tritanomaly

84.8233, 84.5718, 102.2958

Monochromacy



Original Color

84.8233, 84.5718, 102.2958

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.7911, 85.3392, 96.9026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8233, 84.5718, 102.2958 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, 250) looks like.

```
.text, #text, p{  
    color:rgb(248, 232, 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(248, 232, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 232, 250) }
```

Border

The CSS property to change the border of an element to XYZ 84.8233, 84.5718, 102.2958 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, 250) }
```


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

```
.border{ border-color:rgb(248, 232, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 232, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 232, 250);  
box-shadow:4px 4px 4px 4px rgb(248, 232,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8233, 84.5718, 102.2958 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, 250) }
```

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

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