

Converting Colors

XYZ(82.1713, 83.3238, 93.6765)

Have a look what the booklet for
XYZ(82.1713, 83.3238, 93.6765)
contains.

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Color

**XYZ(82.0928, 83.3577,
93.4242)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E8EF
RGB	245, 232, 239
RGB Percent	96%, 91%, 94%
CMY	0.0392, 0.0902, 0.0627
CMYK	0.00, 0.05, 0.02, 0.04
HSL	328°, 39%, 94%
HSV	328°, 5%, 96%
XYZ	82.0928, 83.3577, 93.4242
YIQ	236.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

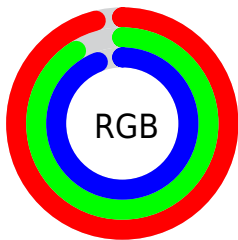
Format	Color
R _Y B	245, 232, 239
Decimal	16115951
CIE Lab	93.17, 5.60, -1.82
CIE LCh	93, 5.892, 341.982
Yxy	83.3577, 0.3171, 0.3220
Android (android.graphics.Color)	4294306031 (0xFF5E8EF)
YUV	236.6850, 1.1413, 7.2923
Hunter-Lab	91.3004, 0.7225, 3.2411

Details

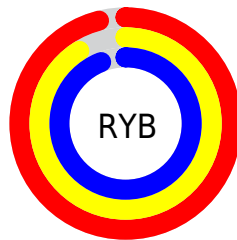
The XYZ color **82.0928, 83.3577, 93.4242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.3669, 88.6359, 93.7133**, and the grayscale version is **80.2447, 84.4236, 91.9373**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0588, 45.2884, 51.1664** is the 20% darker color. If you saturate the color by 10%, you get **74.0528, 69.8680, 82.7563**, and if you desaturate by 10%, it is **90.7212, 97.8545, 104.8063**.

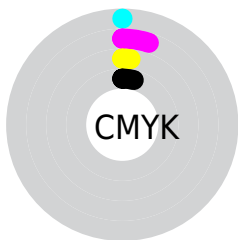
Distribution



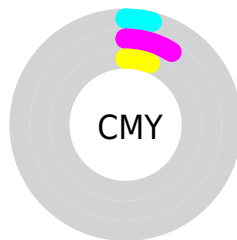
- Red (96%)
- Green (91%)
- Blue (94%)



- Red (96%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (4%)





- Cyan (4%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0928, 83.3577, 93.4242 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 82.0928, 83.3577, 93.4242 by changing the saturation by 10% instead.


 82.0928, 83.3577,
93.4242

 82.0928, 83.3577,
93.4242


490.5878,
506.1779, 559.9628

 61.7564, 62.4853,
70.2345


135.2393,
138.0763, 154.0626

 45.0907, 45.4249,
51.2398


168.7801,
172.6913, 192.3483

 31.7305, 31.7923,
36.0214


207.4530,
212.6560, 236.5031

 21.3103, 21.2029,
24.1609

251.6235,
258.3547, 286.9456

 13.4647, 13.2724,
15.2397

301.6569,
310.1718, 344.0943

 7.8285, 7.6164,
8.8393

357.9185,

 4.0363, 3.8505,

368.4918, 408.3677

4.5411

420.7737,
433.6990, 480.1843

■ 1.7227, 1.5903,
1.9267

■ 0.4704, 0.3510,
0.5096

■ 82.0928, 83.3577,
93.4242

■ 82.0928, 83.3577,
93.4242

■ 74.0528, 69.8680,
82.7563

■ 90.7212, 97.8545,
104.8063

■ 67.0350, 58.2595,
72.9348

■ 91.4667, 98.1528,
108.7323

■ 60.9975, 48.4502,
63.9371

■ 55.8927, 40.3484,
55.7374

■ 51.6689, 33.8539,
48.3083

■ 48.2690, 28.8559,
41.6202

■ 45.6287, 25.2294,
35.6407

■ 43.6735, 22.8291,
30.3337

■ 42.3119, 21.4757,
25.6568

Harmonies

Analogous

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



81.2363, 83.3577, 97.2464



82.0928, 83.3577, 93.4242



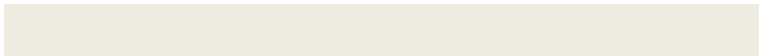
82.1759, 83.3577, 89.0045

Triad

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



82.0928, 83.3577, 93.4242



78.6128, 83.3577, 82.6779



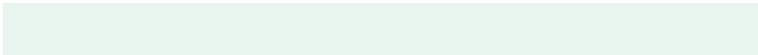
77.0374, 83.3577, 96.5834

Complementary

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



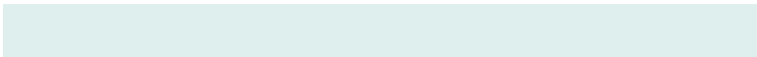
82.0928, 83.3577, 93.4242



81.3669, 88.6359, 93.7133

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.



76.3534, 83.3577, 92.5433



82.0928, 83.3577, 93.4242



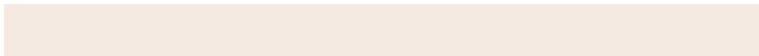
77.2550, 83.3577, 84.5732

Square

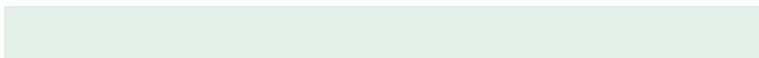
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



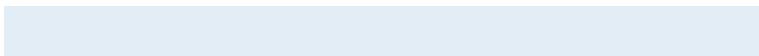
82.0928, 83.3577, 93.4242



80.1531, 83.3577, 82.8964



76.4326, 83.3577, 88.1516



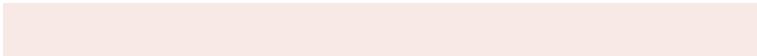
78.3121, 83.3577, 99.1109

Rectangle

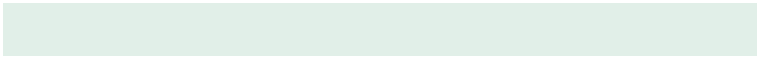
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.0928, 83.3577, 93.4242



81.7801, 83.3577, 86.3227



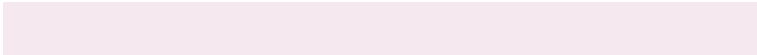
76.4326, 83.3577, 88.1516



76.7315, 83.3577, 95.3518

Sweetspot

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



82.0952, 83.3613, 93.4260



93.0677, 96.6383, 106.3805



80.5507, 82.4610, 98.0585



19.9411, 20.7198, 22.7963



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

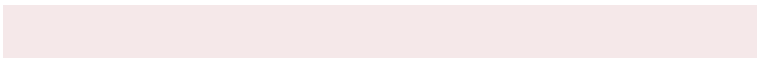
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0952, 83.3613, 93.4260



89.2452, 90.1770, 101.4572



81.1738, 82.9927, 88.5739



17.3777, 17.4822, 19.7368



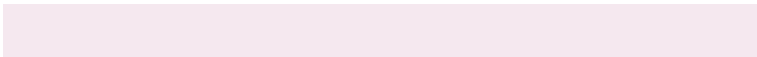
22.5964, 11.3820, 13.1151



2.0379, 1.0211, 1.4259

Inverse Universe

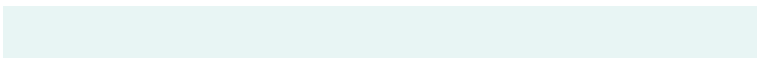
The Inverse Universe completely reimagines the original color for something new.



82.0952, 83.3613, 93.4260



89.2452, 90.1770, 101.4572



82.3161, 89.0156, 98.7114



17.3777, 17.4822, 19.7368



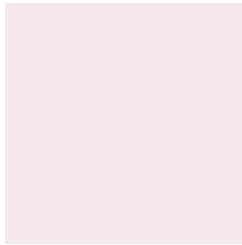
22.5964, 11.3820, 13.1151



2.0379, 1.0211, 1.4259

Previews

White Background



This preview shows how the XYZ color 82.0928, 83.3577, 93.4242 looks on a white background.

Color Contrast Check

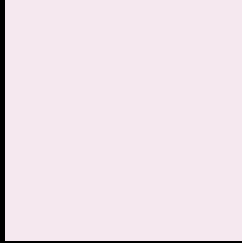
Large Text (above 18pt) WCAG AA × Fail

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 82.0928, 83.3577, 93.4242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

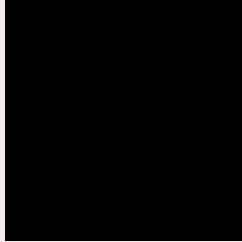
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

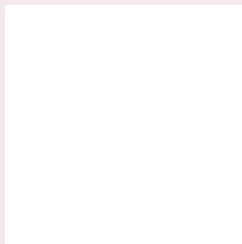
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0928, 83.3577, 93.4242

Background



This preview shows how black text looks on a background with the XYZ color 82.0928, 83.3577, 93.4242.



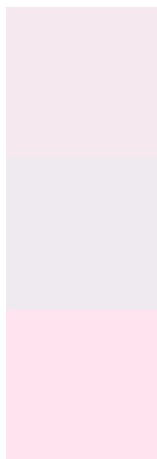
This preview shows how white text looks on a background with the XYZ color 82.0928, 83.3577,

93.4242.

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

82.0928, 83.3577, 93.4242

Protanopia

80.4109, 83.3141, 94.2812

Deuteranopia

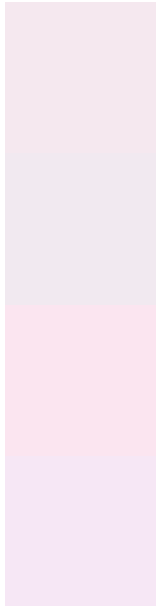
84.7116, 83.0381, 94.0012



Tritanopia

83.4017, 83.0260, 101.2524

Trichromacy



Original Color

82.0928, 83.3577, 93.4242

Protanomaly

81.1427, 83.2699, 94.2341

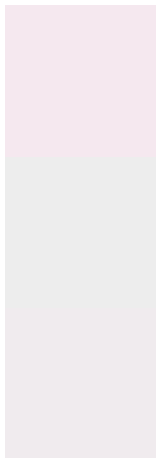
Deuteranomaly

83.5311, 82.8391, 94.0251

Tritanomaly

83.0634, 83.3372, 98.0940

Monochromacy



Original Color

82.0928, 83.3577, 93.4242

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.0761, 84.1150, 92.8516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0928, 83.3577, 93.4242 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(245, 232, 239) looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 239)  
}
```

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(245, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 239) }
```

Border

The CSS property to change the border of an element to XYZ 82.0928, 83.3577, 93.4242 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(245, 232, 239) }
```


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

```
.border{ border-color:rgb(245, 232, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 232, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0928, 83.3577, 93.4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 239) }
```

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

```
.background{ background-color: rgb(245,  
232, 239) }
```

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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