

Converting Colors

XYZ(82.4577, 83.0472, 93.2071)

Have a look what the booklet for
XYZ(82.4577, 83.0472, 93.2071)
contains.

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Color

**XYZ(82.5137, 83.1580,
93.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E7EF
RGB	247, 231, 239
RGB Percent	97%, 91%, 94%
CMY	0.0314, 0.0941, 0.0627
CMYK	0.00, 0.06, 0.03, 0.03
HSL	330°, 50%, 94%
HSV	330°, 6%, 97%
XYZ	82.5137, 83.1580, 93.3635
YIQ	236.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

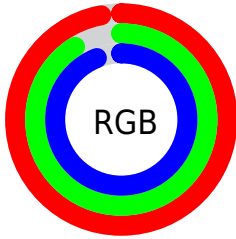
Format	Color
R _Y B	247, 231, 239
Decimal	16246767
CIE Lab	93.08, 6.79, -1.93
CIE LCh	93, 7.061, 344.123
Yxy	83.1580, 0.3185, 0.3210
Android (android.graphics.Color)	4294436847 (0xFF7E7EF)
YUV	236.6960, 1.1359, 9.0366
Hunter-Lab	91.1910, 1.9305, 3.1312

Details

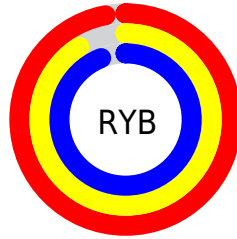
The XYZ color **82.5137, 83.1580, 93.3635** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.7989, 89.7447, 94.6770**, and the grayscale version is **80.2524, 84.4317, 91.9462**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3631, 45.1552, 51.1247** is the 20% darker color. If you saturate the color by 10%, you get **74.3199, 69.5910, 81.9341**, and if you desaturate by 10%, it is **91.5869, 98.2819, 105.7035**.

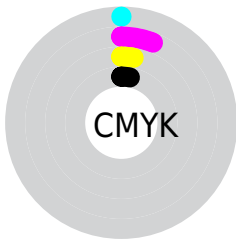
Distribution



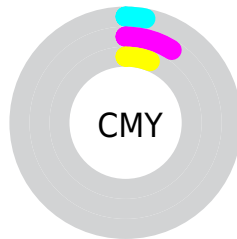
- Red (97%)
- Green (91%)
- Blue (94%)



- Red (97%)
- Yellow (91%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5137, 83.1580, 93.3635 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 82.5137, 83.1580, 93.3635 by changing the saturation by 10% instead.

82.5137, 83.1580,
93.3635

82.5137, 83.1580,
93.3635

491.9729,
505.5129, 559.7625

62.1046, 62.3205,
70.1843

135.8262,
137.7967, 153.9778

45.3731, 45.2917,
51.1991

169.4604,
172.3668, 192.2501

31.9540, 31.6873,
35.9892

208.2336,
212.2831, 236.3904

21.4817, 21.1227,
24.1363

252.5112,
257.9301, 286.8174

13.5910, 13.2138,
15.2216

302.6585,
309.6922, 343.9495

7.9166, 7.5759,
8.8267

359.0410,

4.0930, 3.8248,

367.9538, 408.2054

4.5331

422.0240,
433.0992, 480.0035

■ 1.7549, 1.5760,
1.9221

■ 0.4902, 0.3414,
0.5067

■ 82.5137, 83.1580,
93.3635

■ 82.5137, 83.1580,
93.3635

■ 74.3199, 69.5910,
81.9341

■ 91.5869, 98.2819,
105.7035

■ 67.1809, 57.9391,
71.4585

■ 92.1683, 98.5144,
108.7651

■ 61.0530, 48.1179,
61.9107

■ 55.8867, 40.0324,
53.2610

■ 51.6281, 33.5792,
45.4782

■ 48.2174, 28.6434,
38.5282

■ 45.5875, 25.0955,
32.3743

■ 43.6600, 22.7834,
26.9751

■ 42.3373, 21.5172,
22.2824

Harmonies

Analogous

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



81.5441, 83.1580, 98.0642



82.5137, 83.1580, 93.3635



82.5427, 83.1580, 88.0795

Triad

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



82.5137, 83.1580, 93.3635



78.1736, 83.1580, 81.0113



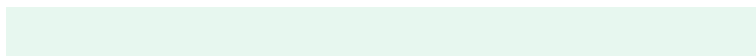
76.5106, 83.1580, 97.8315

Complementary

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



82.5137, 83.1580, 93.3635



81.7989, 89.7447, 94.6770

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.



75.6362, 83.1580, 93.0559



82.5137, 83.1580, 93.3635



76.5861, 83.1580, 83.4202

Square

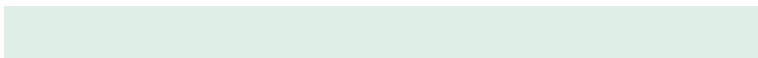
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



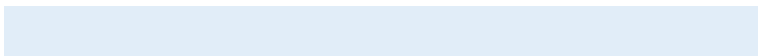
82.5137, 83.1580, 93.3635



80.0173, 83.1580, 81.0864



75.6636, 83.1580, 87.7837



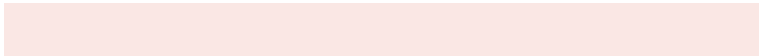
78.0691, 83.1580, 100.7118

Rectangle

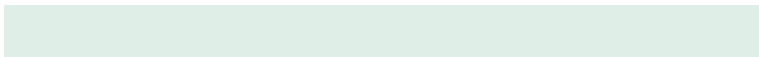
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5137, 83.1580, 93.3635



82.0236, 83.1580, 84.9441



75.6636, 83.1580, 87.7837



76.1280, 83.1580, 96.3866

Sweetspot

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



82.5161, 83.1616, 93.3653



93.0365, 96.6259, 106.2163



80.9641, 82.2219, 99.6001



19.9348, 20.7173, 22.7629



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

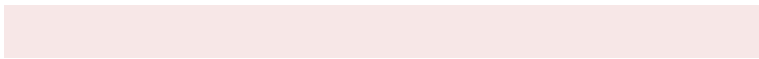
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5161, 83.1616, 93.3653



87.2844, 87.0281, 98.4218



81.3605, 82.6994, 87.2800



16.8446, 16.6207, 18.9283



22.2642, 11.2491, 11.3655



2.0087, 1.0094, 1.2720

Inverse Universe

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



82.5161, 83.1616, 93.3653



87.2844, 87.0281, 98.4218



83.0068, 90.2278, 101.0377



16.8446, 16.6207, 18.9283



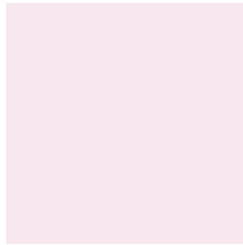
22.2642, 11.2491, 11.3655



2.0087, 1.0094, 1.2720

Previews

White Background



This preview shows how the XYZ color 82.5137, 83.1580, 93.3635 looks on a white background.

Color Contrast Check

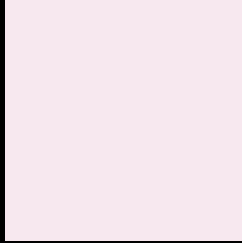
Large Text (above 18pt) WCAG AA × Fail

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 82.5137, 83.1580, 93.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

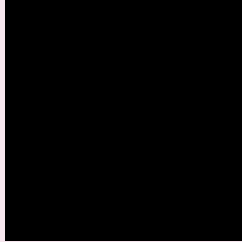
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5137, 83.1580, 93.3635

Background



This preview shows how black text looks on a background with the XYZ color 82.5137, 83.1580, 93.3635.



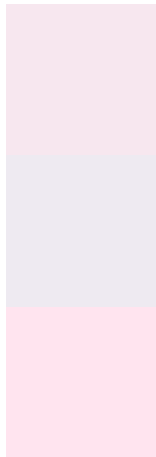
This preview shows how white text looks on a background with the XYZ color 82.5137, 83.1580,

93.3635.

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

82.5137, 83.1580, 93.3635

Protanopia

80.5599, 83.3737, 95.0659

Deuteranopia

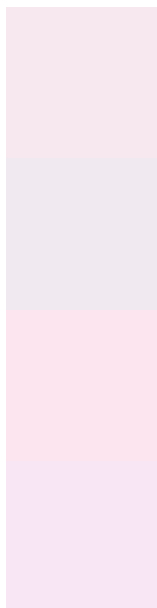
84.5634, 82.9788, 93.2209



Tritanopia

83.9515, 83.3274, 100.4660

Trichromacy



Original Color

82.5137, 83.1580, 93.3635

Protanomaly

81.1427, 83.2699, 94.2341

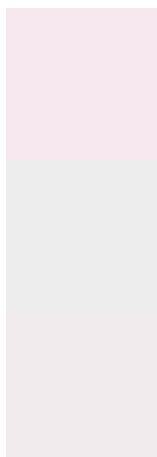
Deuteranomaly

83.7442, 82.9661, 93.2616

Tritanomaly

83.4896, 83.1427, 98.0340

Monochromacy



Original Color

82.5137, 83.1580, 93.3635

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

81.4166, 84.2905, 92.8675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5137, 83.1580, 93.3635 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(247, 231, 239) looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 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(247, 231, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 239) }
```

Border

The CSS property to change the border of an element to XYZ 82.5137, 83.1580, 93.3635 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(247, 231, 239) }
```


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

```
.border{ border-color:rgb(247, 231, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 231, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 239);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5137, 83.1580, 93.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 239) }
```

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

```
.background{ background-color: rgb(247,  
231, 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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