

Converting Colors

XYZ(81.4471, 82.2456, 92.9955)

Have a look what the booklet for XYZ(81.4471, 82.2456, 92.9955) contains.

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Color

**XYZ(81.5330, 82.2381,
93.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E6EF
RGB	245, 230, 239
RGB Percent	96%, 90%, 94%
CMY	0.0392, 0.0980, 0.0627
CMYK	0.00, 0.06, 0.02, 0.04
HSL	324°, 43%, 93%
HSV	324°, 6%, 96%
XYZ	81.5330, 82.2381, 93.2376
YIQ	235.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

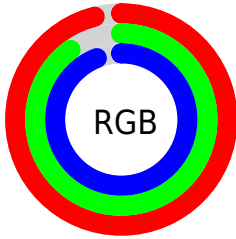
Format	Color
RYP	245, 230, 239
Decimal	16115439
CIELab	92.68, 6.63, -2.54
CIElCh	93, 7.105, 339.033
Yxy	82.2381, 0.3172, 0.3200
Android (android.graphics.Color)	4294305519 (0xFF5E6EF)
YUV	235.5110, 1.7201, 8.3219
Hunter-Lab	90.6852, 1.7861, 2.5209

Details

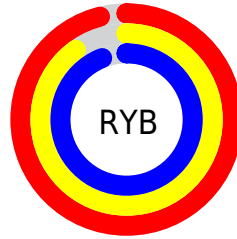
The XYZ color **81.5330, 82.2381, 93.2376** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.4290, 88.1862, 92.1438**, and the grayscale version is **79.3412, 83.4731, 90.9022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8635, 44.8977, 51.1013** is the 20% darker color. If you saturate the color by 10%, you get **73.7798, 68.9859, 83.7013**, and if you desaturate by 10%, it is **90.3277, 97.4453, 103.5107**.

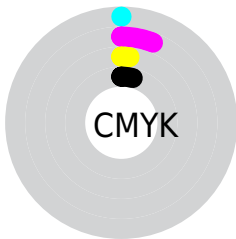
Distribution



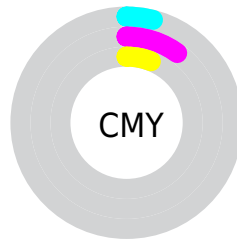
- Red (96%)
- Green (90%)
- Blue (94%)



- Red (96%)
- Yellow (90%)
- Blue (94%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (4%)




- Cyan (4%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5330, 82.2381, 93.2376 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 81.5330, 82.2381, 93.2376 by changing the saturation by 10% instead.


 81.5330, 82.2381,
93.2376

 81.5330, 82.2381,
93.2376


488.7425,
502.4438, 559.3469

 61.2935, 61.5618,
70.0802


134.4582,
136.5078, 153.8021

 44.7155, 44.6787,
51.1147


167.8745,
170.8701, 192.0463

 31.4337, 31.2044,
35.9226

206.4138,
210.5631, 236.1565

 21.0828, 20.7546,
24.0852

250.4414,
255.9713, 286.5513

 13.2973, 12.9447,
15.1840

300.3228,
307.4791, 343.6492

 7.7120, 7.3905,
8.8006

356.4232,

 3.9615, 3.7075,

365.4708, 407.8687

4.5163

419.1079,
430.3309, 479.6284

■ 1.6804, 1.5113,
1.9127

■ 0.4439, 0.2967,
0.5008

■ 81.5330, 82.2381,
93.2376

■ 81.5330, 82.2381,
93.2376

■ 73.7798, 68.9859,
83.7013

■ 90.3277, 97.4453,
103.5107

■ 67.0201, 57.5981,
74.8766

■ 91.4667, 98.1528,
108.7323

■ 61.2124, 47.9925,
66.7445

■ 56.3095, 40.0770,
59.2829

■ 52.2601, 33.7509,
52.4681

■ 49.0074, 28.9028,
46.2744

■ 46.4872, 25.4067,
40.6736

■ 44.6248, 23.1154,
35.6335

■ 43.3276, 21.8462,
31.1159

Harmonies

Analogous

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



80.4260, 82.2381, 97.6904



81.5330, 82.2381, 93.2376



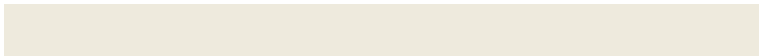
81.7300, 82.2381, 87.9537

Triad

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



81.5330, 82.2381, 93.2376



77.6078, 82.2381, 79.8564



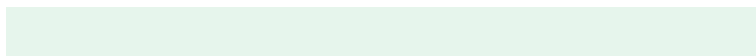
75.4347, 82.2381, 96.1120

Complementary

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



81.5330, 82.2381, 93.2376



80.4290, 88.1862, 92.1438

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.



74.7049, 82.2381, 91.1519



81.5330, 82.2381, 93.2376



75.9465, 82.2381, 81.8623

Square

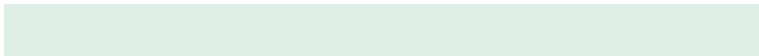
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.5330, 82.2381, 93.2376



79.4444, 82.2381, 80.3653



74.8908, 82.2381, 85.9479



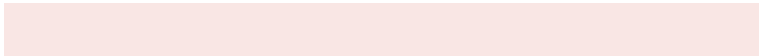
76.8991, 82.2381, 99.3948

Rectangle

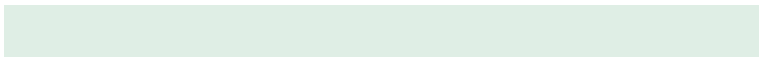
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.5330, 82.2381, 93.2376



81.3158, 82.2381, 84.6907



74.8908, 82.2381, 85.9479



75.0964, 82.2381, 94.5778

Sweetspot

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



81.5353, 82.2417, 93.2394



93.1177, 96.6583, 106.6437



79.3735, 81.0231, 97.8430



19.9513, 20.7239, 22.8499



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

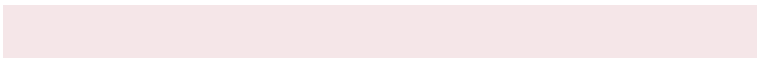
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5353, 82.2417, 93.2394



88.4889, 88.6838, 101.1453



80.4504, 81.8077, 87.5263



17.2430, 17.2093, 19.7030



23.1924, 11.6204, 16.2533



2.0891, 1.0416, 1.6954

Inverse Universe

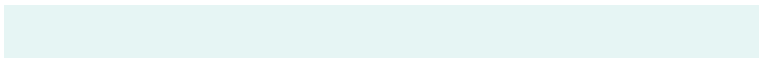
The Inverse Universe completely reimagines the original color for something new.



81.5353, 82.2417, 93.2394



88.4889, 88.6838, 101.1453



81.5414, 88.6311, 98.0018



17.2430, 17.2093, 19.7030



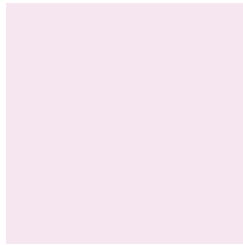
23.1924, 11.6204, 16.2533



2.0891, 1.0416, 1.6954

Previews

White Background



This preview shows how the XYZ color 81.5330, 82.2381, 93.2376 looks on a white background.

Color Contrast Check

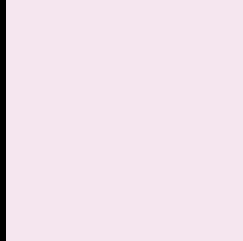
Large Text (above 18pt) WCAG AA × Fail

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 81.5330, 82.2381, 93.2376 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

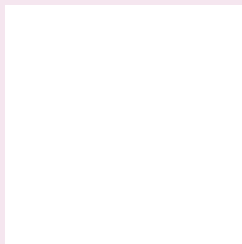
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5330, 82.2381, 93.2376

Background



This preview shows how black text looks on a background with the XYZ color 81.5330, 82.2381, 93.2376.



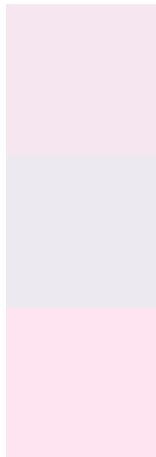
This preview shows how white text looks on a background with the XYZ color 81.5330, 82.2381,

93.2376.

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

81.5330, 82.2381, 93.2376

Protanopia

79.6082, 82.4616, 94.9400

Deuteranopia

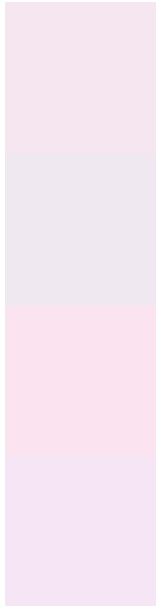
84.0703, 82.3003, 93.8926



Tritanopia

82.8138, 82.3469, 99.5255

Trichromacy



Original Color

81.5330, 82.2381, 93.2376

Protanomaly

80.1814, 82.3552, 94.1082

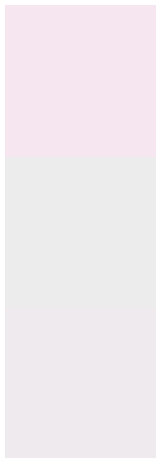
Deuteranomaly

83.2552, 82.2873, 93.9331

Tritanomaly

82.3545, 82.1631, 97.1065

Monochromacy



Original Color

81.5330, 82.2381, 93.2376

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.3055, 83.3108, 91.9688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5330, 82.2381, 93.2376 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, 230, 239) looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 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, 230, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 239) }
```

Border

The CSS property to change the border of an element to XYZ 81.5330, 82.2381, 93.2376 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, 230, 239) }
```


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

```
.border{ border-color:rgb(245, 230, 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, 230, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 239);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5330, 82.2381, 93.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 239) }
```

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

```
.background{ background-color: rgb(245,  
230, 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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