

Converting Colors

XYZ(80.0356, 80.9922, 93.2206)

Have a look what the booklet for
XYZ(80.0356, 80.9922, 93.2206)
contains.

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Color

**XYZ(80.2172, 81.1479,
93.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E5EF
RGB	242, 229, 239
RGB Percent	95%, 90%, 94%
CMY	0.0510, 0.1019, 0.0627
CMYK	0.00, 0.05, 0.01, 0.05
HSL	314°, 33%, 92%
HSV	314°, 5%, 95%
XYZ	80.2172, 81.1479, 93.0966
YIQ	234.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

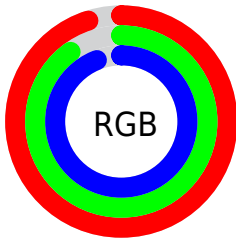
Format	Color
R _Y B	242, 229, 239
Decimal	15918575
CIE Lab	92.20, 6.14, -3.28
CIE LCh	92, 6.964, 331.917
Yxy	81.1479, 0.3152, 0.3189
Android (android.graphics.Color)	4294108655 (0xFF2E5EF)
YUV	234.0270, 2.4517, 6.9923
Hunter-Lab	90.0821, 1.3087, 1.7834

Details

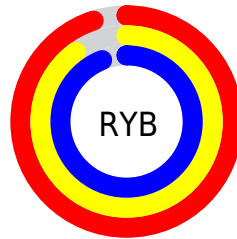
The XYZ color **80.2172, 81.1479, 93.0966** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.6337, 85.9905, 88.8014**, and the grayscale version is **78.2088, 82.2818, 89.6048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9330, 44.1301, 51.0022** is the 20% darker color. If you saturate the color by 10%, you get **73.1707, 68.3542, 86.7396**, and if you desaturate by 10%, it is **88.2272, 95.8255, 99.9025**.

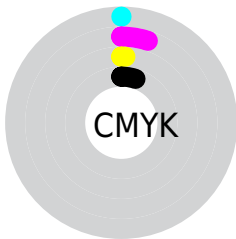
Distribution



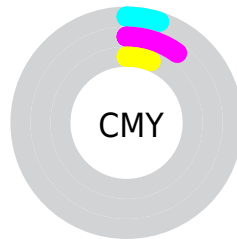
- Red (95%)
- Green (90%)
- Blue (94%)



- Red (95%)
- Yellow (90%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.2172, 81.1479, 93.0966 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 80.2172, 81.1479, 93.0966 by changing the saturation by 10% instead.


 80.2172, 81.1479,
93.0966

 80.2172, 81.1479,
93.0966


484.3899,
498.7930, 558.8812

 60.2062, 60.6634,
69.9637


132.6200,
134.9784, 153.6052

 43.8349, 43.9536,
51.0203


165.7425,
169.0932, 191.8180

 30.7381, 30.6340,
35.8479


203.9661,
208.5203, 235.8945

 20.5504, 20.3203,
24.0280

247.6564,
253.6440, 286.2532

 12.9063, 12.6281,
15.1420

297.1785,
304.8487, 343.3127

 7.4406, 7.1730,
8.7714

352.8979,

 3.7879, 3.5705,

362.5189, 407.4915

4.4976

415.1799,
427.0388, 479.2082

■ 1.5829, 1.4363,
1.9021

■ 0.3812, 0.2433,
0.4941

■ 80.2172, 81.1479,
93.0966

■ 80.2172, 81.1479,
93.0966

■ 73.1707, 68.3542,
86.7396

■ 88.2272, 95.8255,
99.9025

■ 67.0421, 57.3570,
80.8124

■ 89.6609, 97.3105,
104.6423

■ 61.7925, 48.0777,
75.3018

■ 90.4284, 97.6175,
108.6837

■ 57.3774, 40.4277,
70.1917

■ 53.7484, 34.3104,
65.4650

■ 50.8518, 29.6192,
61.1025

■ 48.6273, 26.2334,
57.0829

■ 47.0043, 24.0127,
53.3816

■ 45.8962, 22.7839,
49.9683

Harmonies

Analogous

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



78.9697, 81.1479, 97.0241



80.2172, 81.1479, 93.0966



80.6335, 81.1479, 88.0257

Triad

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



80.2172, 81.1479, 93.0966



77.0131, 81.1479, 78.8313



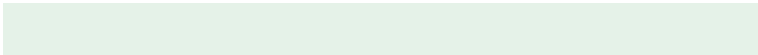
74.2330, 81.1479, 93.6915

Complementary

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



80.2172, 81.1479, 93.0966



78.6337, 85.9905, 88.8014

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.



73.7269, 81.1479, 88.6877



80.2172, 81.1479, 93.0966



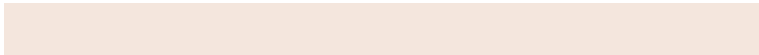
75.3164, 81.1479, 80.2207

Square

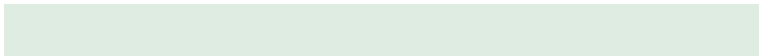
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.2172, 81.1479, 93.0966



78.7665, 81.1479, 79.9107



74.1204, 81.1479, 83.7796



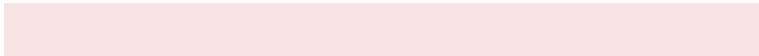
75.5136, 81.1479, 97.3768

Rectangle

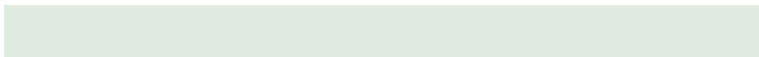
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.2172, 81.1479, 93.0966



80.3785, 81.1479, 84.7141



74.1204, 81.1479, 83.7796



73.9676, 81.1479, 92.1013

Sweetspot

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



80.2195, 81.1514, 93.0984



93.2556, 96.7135, 107.3697



77.2689, 79.5787, 95.2931



19.9793, 20.7351, 22.9977



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.



80.2195, 81.1514, 93.0984



89.7984, 90.3983, 104.3701



79.3027, 80.7847, 88.2705



16.7246, 16.7579, 19.4657



24.4956, 12.0707, 26.3244



2.0753, 1.0192, 2.3874

Inverse Universe

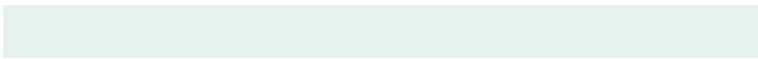
The Inverse Universe completely reimagines the original color for something new.



80.2195, 81.1514, 93.0984



89.7984, 90.3983, 104.3701



79.5470, 86.3558, 93.6108



16.7246, 16.7579, 19.4657



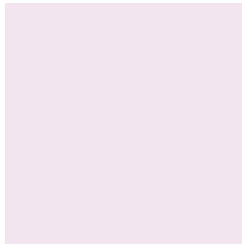
24.4956, 12.0707, 26.3244



2.0753, 1.0192, 2.3874

Previews

White Background



This preview shows how the XYZ color 80.2172, 81.1479, 93.0966 looks on a white background.

Color Contrast Check

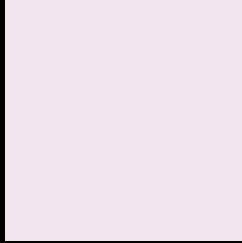
Large Text (above 18pt) WCAG AA × Fail

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 80.2172, 81.1479, 93.0966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

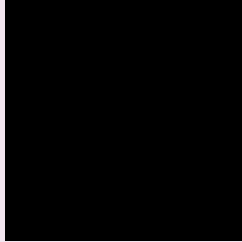
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

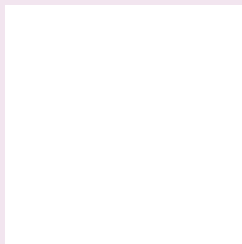
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2172, 81.1479, 93.0966

Background



This preview shows how black text looks on a background with the XYZ color 80.2172, 81.1479, 93.0966.



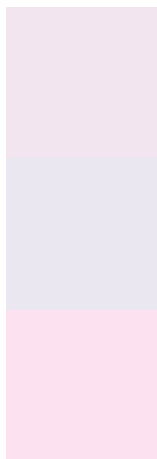
This preview shows how white text looks on a background with the XYZ color 80.2172, 81.1479,

93.0966.

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

80.2172, 81.1479, 93.0966

Protanopia

78.2358, 80.9355, 93.9367

Deuteranopia

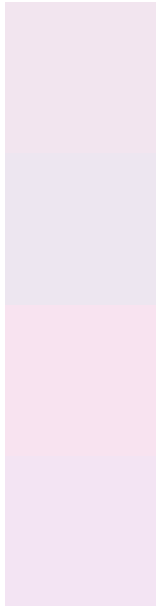
83.0694, 81.3794, 93.7676



Tritanopia

81.3401, 81.1953, 98.5740

Trichromacy



Original Color

80.2172, 81.1479, 93.0966

Protanomaly

78.9500, 80.8894, 93.8902

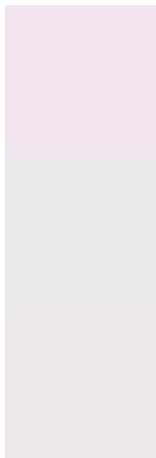
Deuteranomaly

81.9087, 81.1859, 93.7915

Tritanomaly

80.8832, 81.0126, 96.1680

Monochromacy



Original Color

80.2172, 81.1479, 93.0966

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.9220, 81.7739, 90.9812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2172, 81.1479, 93.0966 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(242, 229, 239) looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 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(242, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 239) }
```

Border

The CSS property to change the border of an element to XYZ 80.2172, 81.1479, 93.0966 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(242, 229, 239) }
```


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

```
.border{ border-color:rgb(242, 229, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2172, 81.1479, 93.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 239) }
```

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

```
.background{ background-color: rgb(242,  
229, 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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