

Converting Colors

XYZ(80.9611, 82.1132, 95.3841)

Have a look what the booklet for
XYZ(80.9611, 82.1132, 95.3841)
contains.

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Color

**XYZ(81.2209, 82.4399,
95.6361)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E7F2
RGB	242, 231, 242
RGB Percent	95%, 91%, 95%
CMY	0.0510, 0.0941, 0.0510
CMYK	0.00, 0.05, 0.00, 0.05
HSL	300°, 30%, 93%
HSV	300°, 5%, 95%
XYZ	81.2209, 82.4399, 95.6361
YIQ	235.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

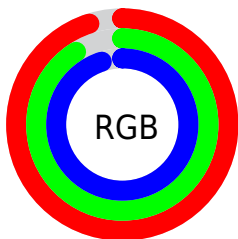
Format	Color
R _Y B	242, 231, 242
Decimal	15919090
CIE Lab	92.77, 5.64, -4.00
CIE LCh	93, 6.920, 324.649
Yxy	82.4399, 0.3132, 0.3179
Android (android.graphics.Color)	4294109170 (0xFF F2E7F2)
YUV	235.5430, 3.1833, 5.6628
Hunter-Lab	90.7964, 0.7814, 1.1072

Details

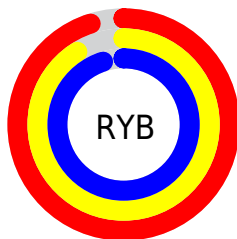
The XYZ color **81.2209, 82.4399, 95.6361** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.1341, 86.2650, 88.0856**, and the grayscale version is **79.3564, 83.4891, 90.9197**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4426, 44.6442, 52.7292** is the 20% darker color. If you saturate the color by 10%, you get **74.9115, 69.8199, 93.5339**, and if you desaturate by 10%, it is **88.4058, 96.8084, 98.0322**.

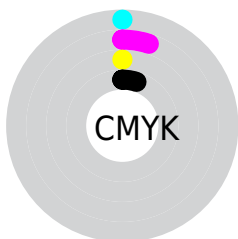
Distribution



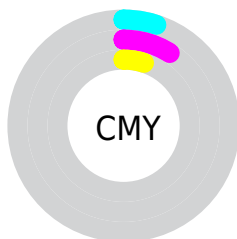
- Red (95%)
- Green (91%)
- Blue (95%)



- Red (95%)
- Yellow (91%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2209, 82.4399, 95.6361 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 81.2209, 82.4399, 95.6361 by changing the saturation by 10% instead.

81.2209, 82.4399,
95.6361

81.2209, 82.4399,
95.6361

487.7120,
503.1179, 567.2357

61.0355, 61.7282,
72.0647

134.0224,
136.7907, 157.1462

44.5064, 44.8131,
52.7244

167.3692,
171.1986, 195.9221

31.2685, 31.3102,
37.1966

205.8339,
210.9407, 240.6031

20.9562, 20.8352,
25.0627

249.7817,
256.4014, 291.6079

13.2043, 13.0036,
15.9044

299.5781,
307.9651, 349.3551

7.6473, 7.4310,
9.3029

355.5883,

3.9200, 3.7331,

366.0161, 414.2630

4.8398

418.1779,
430.9390, 486.7504

■ 1.6570, 1.5254,
2.0965

■ 0.4291, 0.3065,
0.6137

■ 81.2209, 82.4399,
95.6361

■ 81.2209, 82.4399,
95.6361

■ 74.9115, 69.8199,
93.5339

■ 88.4058, 96.8084,
98.0322

■ 69.4979, 58.9928,
91.7292

■ 88.4058, 96.8085,
98.0323

■ 64.9418, 49.8806,
90.2104

■ 88.4058, 96.8085,
98.0324

■ 61.1991, 42.3953,
88.9628

■ 88.4058, 96.8085,
98.0325

58.2221, 36.4413,
87.9703

88.4059, 96.8085,
98.0326

55.9579, 31.9128,
87.2155

88.4059, 96.8085,
98.0327

54.3468, 28.6908,
86.6784

88.4059, 96.8085,
98.0328

53.3198, 26.6368,
86.3359

88.4059, 96.8085,
98.0329

52.7921, 25.5815,
86.1599

88.4059, 96.8085,
98.0330

Harmonies

Analogous

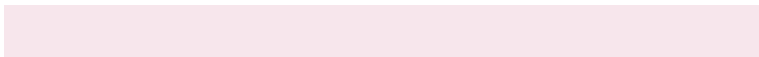
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8127, 82.4399, 99.1010



81.2209, 82.4399, 95.6361



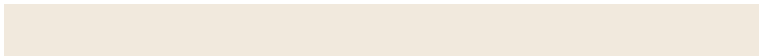
81.8623, 82.4399, 90.6929

Triad

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



81.2209, 82.4399, 95.6361



78.6807, 82.4399, 80.2282



75.2452, 82.4399, 93.9716

Complementary

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



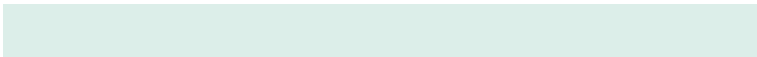
81.2209, 82.4399, 95.6361



79.1341, 86.2650, 88.0856

Split Complementary

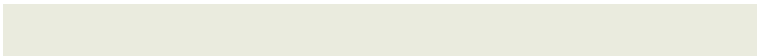
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9525, 82.4399, 88.8396



81.2209, 82.4399, 95.6361



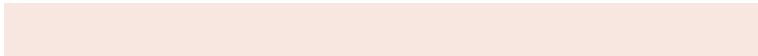
76.9184, 82.4399, 81.0309

Square

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



81.2209, 82.4399, 95.6361



80.3814, 82.4399, 81.8995



75.5605, 82.4399, 84.1355



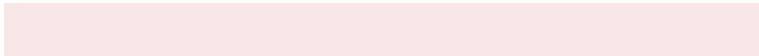
76.3662, 82.4399, 98.1145

Rectangle

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



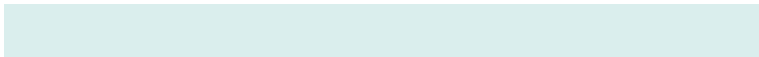
81.2209, 82.4399, 95.6361



81.7618, 82.4399, 87.2733



75.5605, 82.4399, 84.1355



75.0474, 82.4399, 92.2997

Sweetspot

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



81.2233, 82.4435, 95.6379



94.2419, 98.3838, 108.6306



77.5616, 80.5558, 95.4666



20.1802, 21.0752, 23.2543



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.



81.2233, 82.4435, 95.6379



91.1166, 92.1332, 107.5888



80.4096, 82.1180, 91.3534



16.9732, 17.0691, 20.1217



28.2812, 13.5849, 46.2589



2.3527, 1.1301, 3.8483

Inverse Universe

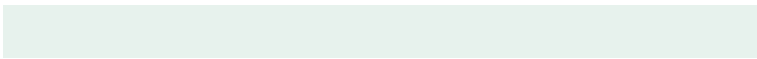
The Inverse Universe completely reimagines the original color for something new.



81.2233, 82.4435, 95.6379



91.1166, 92.1332, 107.5888



79.9231, 86.5806, 92.2404



16.9732, 17.0691, 20.1217



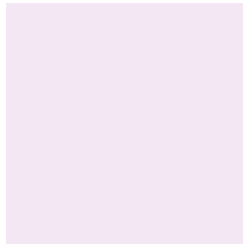
28.2812, 13.5849, 46.2589



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 81.2209, 82.4399, 95.6361 looks on a white background.

Color Contrast Check

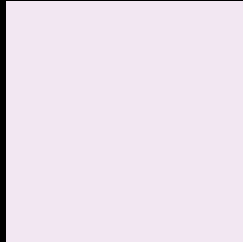
Large Text (above 18pt) WCAG AA × Fail

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 81.2209, 82.4399, 95.6361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

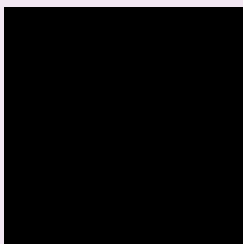
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

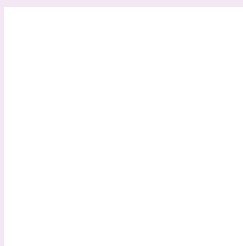
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.2209, 82.4399, 95.6361

Background



This preview shows how black text looks on a background with the XYZ color 81.2209, 82.4399, 95.6361.



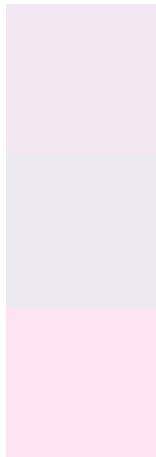
This preview shows how white text looks on a background with the XYZ color 81.2209, 82.4399,

95.6361.

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

81.2209, 82.4399, 95.6361

Protanopia

79.9086, 82.5818, 96.5223

Deuteranopia

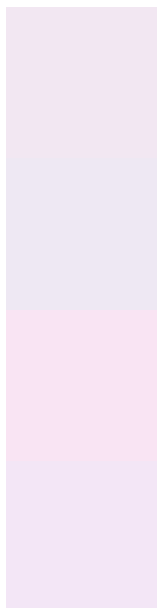
84.1548, 82.2919, 96.2425



Tritanopia

82.2022, 82.4256, 100.3841

Trichromacy



Original Color

81.2209, 82.4399, 95.6361

Protanomaly

80.2942, 82.3614, 96.4594

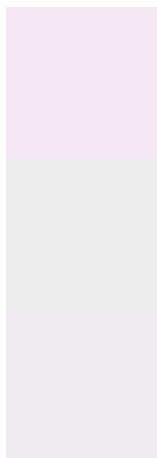
Deuteranomaly

82.9880, 82.0976, 96.2665

Tritanomaly

81.8935, 82.3021, 98.7584

Monochromacy



Original Color

81.2209, 82.4399, 95.6361

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

80.1153, 83.1958, 92.7248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2209, 82.4399, 95.6361 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, 231, 242) looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 242)  
}
```

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, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 242) }
```

Border

The CSS property to change the border of an element to XYZ 81.2209, 82.4399, 95.6361 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, 231, 242) }
```


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

```
.border{ border-color:rgb(242, 231, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 231, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2209, 82.4399, 95.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 242) }
```

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

```
.background{ background-color: rgb(242,  
231, 242) }
```

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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