

Converting Colors

XYZ(80.8100, 82.0593, 93.9870)

Have a look what the booklet for
XYZ(80.8100, 82.0593, 93.9870)
contains.

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Color

**XYZ(80.9220, 82.3203,
94.0624)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E7F0
RGB	242, 231, 240
RGB Percent	95%, 91%, 94%
CMY	0.0510, 0.0941, 0.0588
CMYK	0.00, 0.05, 0.01, 0.05
HSL	311°, 30%, 93%
HSV	311°, 5%, 95%
XYZ	80.9220, 82.3203, 94.0624
YIQ	235.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

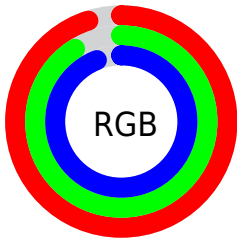
Format	Color
R _Y B	242, 231, 240
Decimal	15919088
CIE Lab	92.72, 5.29, -3.04
CIE LCh	93, 6.099, 330.122
Yxy	82.3203, 0.3145, 0.3199
Android (android.graphics.Color)	4294109168 (0xFF F2E7F0)
YUV	235.3150, 2.3097, 5.8627
Hunter-Lab	90.7305, 0.4246, 2.0441

Details

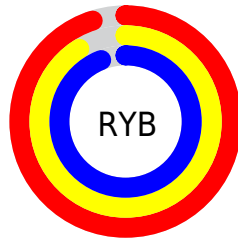
The XYZ color **80.9220, 82.3203, 94.0624** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.4182, 86.3785, 89.5819**, and the grayscale version is **79.1886, 83.3125, 90.7273**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2314, 44.5597, 51.6170** is the 20% darker color. If you saturate the color by 10%, you get **73.9664, 69.4419, 88.5576**, and if you desaturate by 10%, it is **88.7689, 96.9537, 99.9445**.

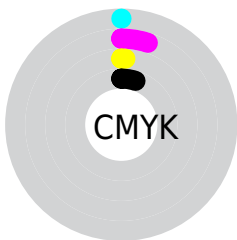
Distribution



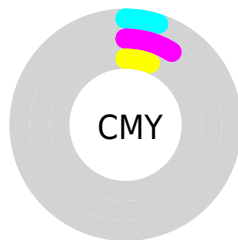
- Red (95%)
- Green (91%)
- Blue (94%)



- Red (95%)
- Yellow (91%)
- Blue (94%)



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





- Cyan (5%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.9220, 82.3203, 94.0624 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 80.9220, 82.3203, 94.0624 by changing the saturation by 10% instead.


 80.9220, 82.3203,
94.0624

 80.9220, 82.3203,
94.0624


486.7240,
502.7185, 562.0665

 60.7884, 61.6296,
70.7623


133.6050,
136.6231, 154.9531

 44.3063, 44.7335,
51.6676


166.8851,
171.0039, 193.3807

 31.1104, 31.2475,
36.3598


205.2781,
210.7170, 237.6879

 20.8351, 20.7874,
24.4203

249.1493,
256.1466, 288.2932

 13.1153, 12.9687,
15.4306

298.8642,
307.6771, 345.6152

 7.5855, 7.4070,
8.9722

354.7880,

 3.8805, 3.7179,

365.6930, 410.0723

4.6265

417.2862,
430.5787, 482.0833

■ 1.6347, 1.5170,
1.9749

■ 0.4149, 0.3007,
0.5398

■ 80.9220, 82.3203,
94.0624

■ 80.9220, 82.3203,
94.0624

■ 73.9664, 69.4419,
88.5576

■ 88.7689, 96.9537,
99.9445

■ 67.9225, 58.3626,
83.4335

■ 89.4469, 97.2249,
103.5149

■ 62.7516, 49.0045,
78.6775

■ 90.1410, 97.5025,
107.1699

■ 58.4098, 41.2796,
74.2744

■ 90.4285, 97.6175,
108.6837

■ 54.8490, 35.0920,
70.2078

■ 52.0162, 30.3362,
66.4593

■ 49.8519, 26.8928,
63.0085

■ 48.2866, 24.6235,
59.8318

■ 47.2356, 23.3589,
56.9002

Harmonies

Analogous

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



79.7862, 82.3203, 97.4157



80.9220, 82.3203, 94.0624



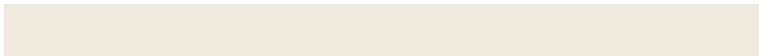
81.3380, 82.3203, 89.6141

Triad

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



80.9220, 82.3203, 94.0624



78.2365, 82.3203, 81.1650



75.6301, 82.3203, 94.0958

Complementary

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



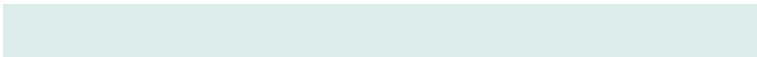
80.9220, 82.3203, 94.0624



79.4182, 86.3785, 89.5819

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.



75.2275, 82.3203, 89.6515



80.9220, 82.3203, 94.0624



76.7198, 82.3203, 82.2759

Square

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



80.9220, 82.3203, 94.0624



79.7747, 82.3203, 82.2583



75.6237, 82.3203, 85.3445



76.7309, 82.3203, 97.4355

Rectangle

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



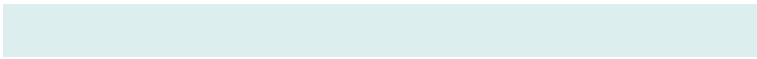
80.9220, 82.3203, 94.0624



81.1468, 82.3203, 86.6563



75.6237, 82.3203, 85.3445



75.4093, 82.3203, 92.6767

Sweetspot

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



80.9244, 82.3239, 94.0642



94.1673, 98.3539, 108.2378



78.1562, 80.8623, 95.4943



20.1650, 21.0691, 23.1743



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

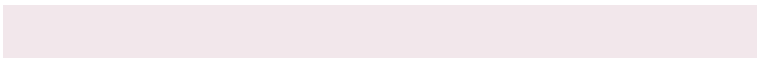
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9244, 82.3239, 94.0642



90.7454, 91.9847, 105.6343



80.1438, 82.0116, 89.9540



16.8944, 17.0376, 19.7071



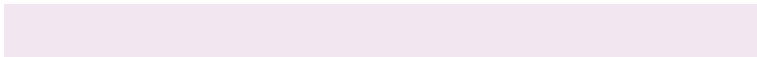
25.1931, 12.3497, 29.9972



2.1276, 1.0401, 2.6627

Inverse Universe

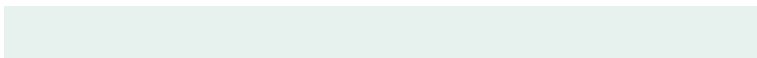
The Inverse Universe completely reimagines the original color for something new.



80.9244, 82.3239, 94.0642



90.7454, 91.9847, 105.6343



80.1915, 86.6878, 93.6540



16.8944, 17.0376, 19.7071



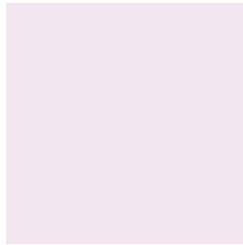
25.1931, 12.3497, 29.9972



2.1276, 1.0401, 2.6627

Previews

White Background



This preview shows how the XYZ color 80.9220, 82.3203, 94.0624 looks on a white background.

Color Contrast Check

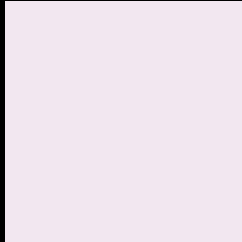
Large Text (above 18pt) WCAG AA × Fail

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 80.9220, 82.3203, 94.0624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

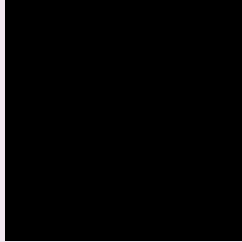
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

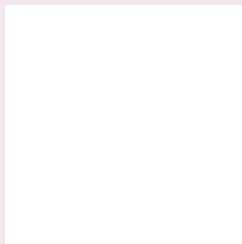
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.9220, 82.3203, 94.0624

Background



This preview shows how black text looks on a background with the XYZ color 80.9220, 82.3203, 94.0624.



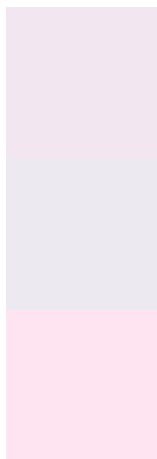
This preview shows how white text looks on a background with the XYZ color 80.9220, 82.3203,

94.0624.

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

80.9220, 82.3203, 94.0624

Protanopia

79.6082, 82.4616, 94.9400

Deuteranopia

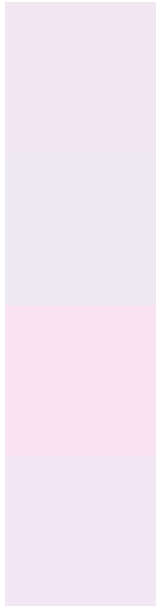
84.2193, 82.3599, 94.6773



Tritanopia

82.2022, 82.4256, 100.3841

Trichromacy



Original Color

80.9220, 82.3203, 94.0624

Protanomaly

79.9937, 82.2412, 94.8771

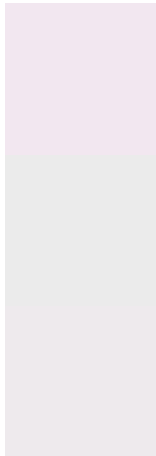
Deuteranomaly

83.0449, 82.1617, 94.7009

Tritanomaly

81.7404, 82.2409, 97.9521

Monochromacy



Original Color

80.9220, 82.3203, 94.0624

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.9688, 83.1372, 91.9530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.9220, 82.3203, 94.0624 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 240) }
```

Border

The CSS property to change the border of an element to XYZ 80.9220, 82.3203, 94.0624 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, 240) }
```


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

```
.border{ border-color:rgb(242, 231, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 240);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 80.9220, 82.3203, 94.0624 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, 240) }
```

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

```
.background{ background-color: rgb(242,  
231, 240) }
```

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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