

Converting Colors

XYZ(80.7324, 78.2888, 94.5250)

Have a look what the booklet for
XYZ(80.7324, 78.2888, 94.5250)
contains.

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Color

**XYZ(80.5949, 78.0802,
94.8276)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DDF2
RGB	248, 221, 242
RGB Percent	97%, 87%, 95%
CMY	0.0274, 0.1333, 0.0510
CMYK	0.00, 0.11, 0.02, 0.03
HSL	313°, 66%, 92%
HSV	313°, 11%, 97%
XYZ	80.5949, 78.0802, 94.8276
YIQ	231.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

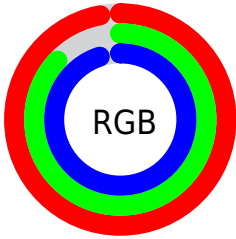
Format	Color
R _Y B	248, 221, 242
Decimal	16309746
CIE Lab	90.82, 12.84, -6.83
CIE LCh	91, 14.540, 331.989
Yxy	78.0802, 0.3179, 0.3080
Android (android.graphics.Color)	4294499826 (0xFFF8DDF2)
YUV	231.4670, 5.1928, 14.4994
Hunter-Lab	88.3630, 8.1726, -1.7735

Details

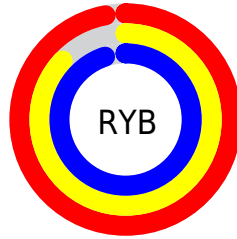
The XYZ color **80.5949, 78.0802, 94.8276** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2544, 88.0552, 85.6019**, and the grayscale version is **76.2631, 80.2347, 87.3756**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.2374, 42.0241, 52.2343** is the 20% darker color. If you saturate the color by 10%, you get **73.7098, 65.6141, 88.5101**, and if you desaturate by 10%, it is **88.4766, 92.4974, 101.6023**.

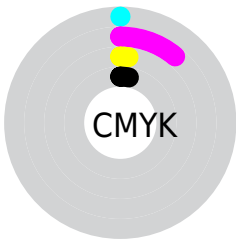
Distribution



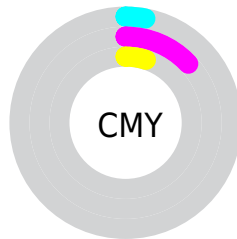
- Red (97%)
- Green (87%)
- Blue (95%)



- Red (97%)
- Yellow (87%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.5949, 78.0802, 94.8276 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 80.5949, 78.0802, 94.8276 by changing the saturation by 10% instead.


 80.5949, 78.0802,
94.8276

 80.5949, 78.0802,
94.8276


485.6415,
488.4391, 564.5831

 60.5182, 58.1399,
71.3954


133.1479,
130.6632, 156.0199

 44.0875, 41.9211,
52.1811


166.3550,
164.0746, 194.6172

 30.9375, 29.0395,
36.7662


204.6695,
202.7452, 239.1065

 20.7029, 19.1107,
24.7322

248.4568,
247.0593, 289.9064

 13.0182, 11.7503,
15.6604

298.0823,
297.4014, 347.4355

 7.5182, 6.5739,
9.1324

353.9113,

 3.8374, 3.1971,

354.1558, 412.1123

4.7297

416.3093,
417.7069, 484.3553

■ 1.6106, 1.2355,
2.0336

■ 0.3993, 0.0904,
0.5758

■ 80.5949, 78.0802,
94.8276

■ 80.5949, 78.0802,
94.8276

■ 73.7098, 65.6141,
88.5101

■ 88.4766, 92.4974,
101.6023

■ 67.7722, 55.0042,
82.6294

■ 92.2057, 98.5702,
107.1161

■ 62.7386, 46.1633,
77.1711

■ 92.5220, 98.6967,
108.7817

■ 58.5597, 38.9928,
72.1176

■ 55.1811, 33.3847,
67.4496

■ 52.5424, 29.2179,
63.1459

■ 50.5740, 26.3540,
59.1821

■ 49.1926, 24.6268,
55.5293

■ 48.3243, 23.8017,
52.4296

Harmonies

Analogous

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



78.0003, 78.0802, 103.2635



80.5949, 78.0802, 94.8276



81.4637, 78.0802, 84.3189

Triad

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



80.5949, 78.0802, 94.8276



73.9691, 78.0802, 66.4382



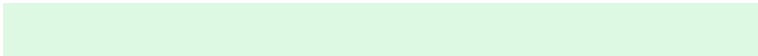
68.4079, 78.0802, 96.1358

Complementary

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



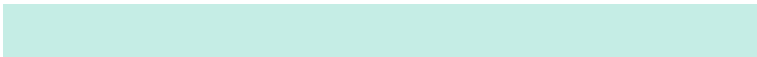
80.5949, 78.0802, 94.8276



77.2544, 88.0552, 85.6019

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.



67.4056, 78.0802, 85.7170



80.5949, 78.0802, 94.8276



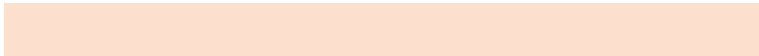
70.5501, 78.0802, 69.0558

Square

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



80.5949, 78.0802, 94.8276



77.5641, 78.0802, 68.4490



68.1770, 78.0802, 75.9058



70.9597, 78.0802, 104.0613

Rectangle

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



80.5949, 78.0802, 94.8276



80.9251, 78.0802, 77.6971



68.1770, 78.0802, 75.9058



67.8825, 78.0802, 92.7808

Sweetspot

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



80.5972, 78.0836, 94.8293



92.3853, 95.1068, 106.6672



74.4343, 74.8007, 99.3231



19.6254, 20.0839, 22.7051



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

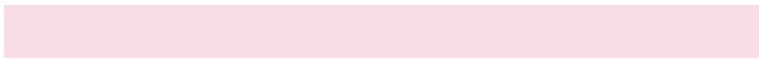
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5972, 78.0836, 94.8293



84.2077, 80.1774, 99.5455



78.6646, 77.3106, 84.6525



17.8182, 17.4546, 20.8985



26.1595, 12.8795, 28.6122



2.4620, 1.2086, 2.8565

Inverse Universe

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



80.5972, 78.0836, 94.8293



84.2077, 80.1774, 99.5455



79.1691, 88.8211, 95.6846



17.8182, 17.4546, 20.8985



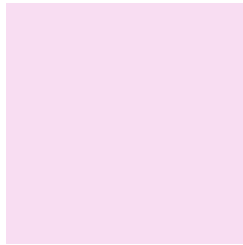
26.1595, 12.8795, 28.6122



2.4620, 1.2086, 2.8565

Previews

White Background



This preview shows how the XYZ color 80.5949, 78.0802, 94.8276 looks on a white background.

Color Contrast Check

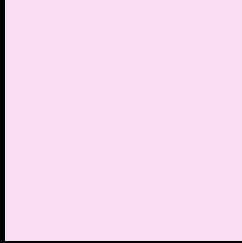
Large Text (above 18pt) WCAG AA × Fail

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 80.5949, 78.0802, 94.8276 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 80.5949, 78.0802, 94.8276

Background



This preview shows how black text looks on a background with the XYZ color 80.5949, 78.0802, 94.8276.



This preview shows how white text looks on a background with the XYZ color 80.5949, 78.0802,

94.8276.

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

80.5949, 78.0802, 94.8276

Protanopia

76.0985, 78.0860, 98.2501

Deuteranopia

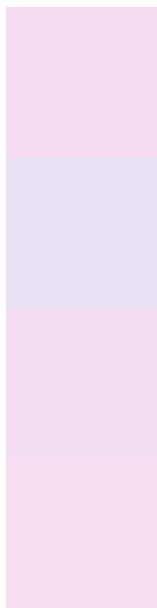
79.8045, 78.0658, 94.8665



Tritanopia

80.4127, 78.4310, 92.5618

Trichromacy



Original Color

80.5949, 78.0802, 94.8276

Protanomaly

77.6676, 78.1052, 97.3685

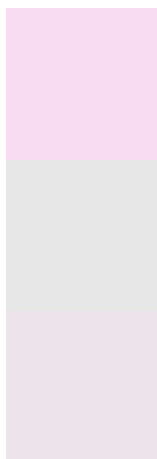
Deuteranomaly

80.1543, 78.2462, 94.8828

Tritanomaly

80.5609, 78.4903, 93.3422

Monochromacy



Original Color

80.5949, 78.0802, 94.8276

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.3895, 78.9409, 89.7555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5949, 78.0802, 94.8276 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(248, 221, 242)` looks like.

```
.text, #text, p{  
    color:rgb(248, 221, 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(248, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 221, 242) }
```

Border

The CSS property to change the border of an element to XYZ 80.5949, 78.0802, 94.8276 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(248, 221, 242) }
```


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

```
.border{ border-color:rgb(248, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(248, 221,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5949, 78.0802, 94.8276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 221, 242) }
```

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

```
.background{ background-color: rgb(248,  
221, 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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