

Converting Colors

XYZ(80.3043, 76.5437, 98.7951)

Have a look what the booklet for
XYZ(80.3043, 76.5437, 98.7951)
contains.

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Color

**XYZ(80.2177, 76.6324,
98.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DAF7
RGB	247, 218, 247
RGB Percent	97%, 85%, 97%
CMY	0.0314, 0.1451, 0.0314
CMYK	0.00, 0.12, 0.00, 0.03
HSL	300°, 64%, 91%
HSV	300°, 12%, 97%
XYZ	80.2177, 76.6324, 98.5593
YIQ	229.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

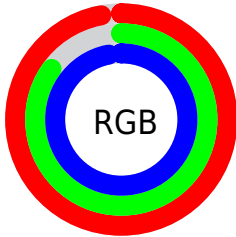
Format	Color
R _{YB}	247, 218, 247
Decimal	16243447
CIE Lab	90.15, 14.96, -10.45
CIE LCh	90, 18.247, 325.074
Yxy	76.6324, 0.3141, 0.3000
Android (android.graphics.Color)	4294433527 (0xFFF7DAF7)
YUV	229.9770, 8.3923, 14.9292
Hunter-Lab	87.5399, 10.3746, -5.4754

Details

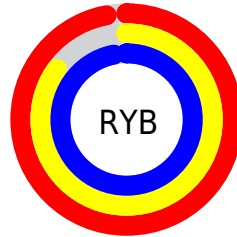
The XYZ color **80.2177, 76.6324, 98.5593** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.8321, 86.4911, 79.0841**, and the grayscale version is **75.1345, 79.0473, 86.0826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9870, 41.0323, 54.8919** is the 20% darker color. If you saturate the color by 10%, you get **74.2846, 64.7651, 96.5824**, and if you desaturate by 10%, it is **87.1097, 90.4152, 100.8577**.

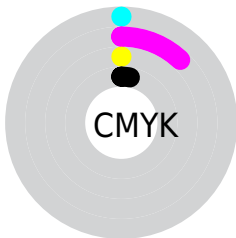
Distribution



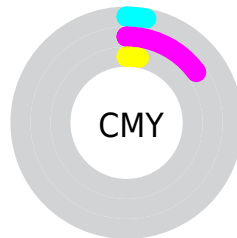
- Red (97%)
- Green (85%)
- Blue (97%)



- Red (97%)
- Yellow (85%)
- Blue (97%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.2177, 76.6324, 98.5593 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 80.2177, 76.6324, 98.5593 by changing the saturation by 10% instead.

80.2177, 76.6324,
98.5593

80.2177, 76.6324,
98.5593

484.3916,
483.5098, 576.7709

60.2066, 56.9512,
74.4877

132.6207,
128.6204, 161.2105

43.8353, 40.9661,
54.6941

165.7433,
161.6961, 200.6272

30.7384, 28.2926,
38.7599

203.9671,
200.0054, 245.9960

20.5506, 18.5463,
26.2666

247.6574,
243.9327, 297.7355

12.9065, 11.3429,
16.7957

297.1797,
293.8623, 356.2642

7.4407, 6.2980,
9.9285

352.8992,

3.7880, 3.0271,

350.1788, 422.0006

5.2466

415.1814,
413.2665, 495.3633

■ 1.5829, 1.1459,
2.3314

■ 0.3812, 0.0168,
0.7487

■ 80.2177, 76.6324,
98.5593

■ 80.2177, 76.6324,
98.5593

■ 74.2846, 64.7651,
96.5824

■ 87.1097, 90.4152,
100.8577

■ 69.2617, 54.7192,
94.9079

■ 90.9071, 98.0100,
102.1236

■ 65.1059, 46.4077,
93.5225

■ 90.9072, 98.0100,
102.1238

■ 61.7682, 39.7324,
92.4098

■ 90.9072, 98.0100,
102.1239

59.1947, 34.5854,
91.5518

90.9072, 98.0100,
102.1241

57.3249, 30.8458,
90.9284

90.9072, 98.0100,
102.1243

56.0892, 28.3746,
90.5164

90.9073, 98.0100,
102.1244

55.4042, 27.0046,
90.2879

90.9073, 98.0100,
102.1246

55.1468, 26.4898,
90.2020

90.9073, 98.0100,
102.1247

Harmonies

Analogous

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



76.5925, 76.6324, 108.1477



80.2177, 76.6324, 98.5593



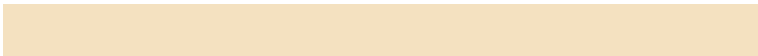
81.8684, 76.6324, 85.6013

Triad

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



80.2177, 76.6324, 98.5593



73.5877, 76.6324, 60.9629



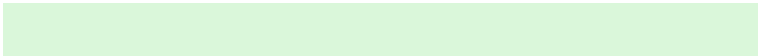
65.2254, 76.6324, 94.4692

Complementary

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



80.2177, 76.6324, 98.5593



74.8321, 86.4911, 79.0841

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.



64.4951, 76.6324, 81.3147



80.2177, 76.6324, 98.5593



69.2059, 76.6324, 62.8144

Square

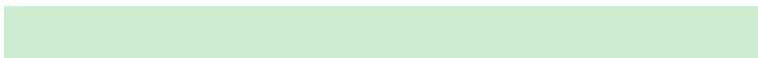
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



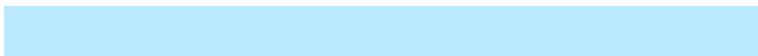
80.2177, 76.6324, 98.5593



77.9407, 76.6324, 64.6047



65.9231, 76.6324, 69.9512



67.9607, 76.6324, 105.6199

Rectangle

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



80.2177, 76.6324, 98.5593



81.5794, 76.6324, 77.1162



65.9231, 76.6324, 69.9512



64.7422, 76.6324, 90.0997

Sweetspot

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



80.2200, 76.6357, 98.5610



91.8819, 93.6639, 107.8439



70.7768, 71.7676, 98.1192



19.5431, 19.8010, 23.0419



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.



80.2200, 76.6357, 98.5610



84.6998, 79.2997, 105.4497



78.0684, 75.7751, 87.2310



17.2137, 16.7683, 20.8719



29.1649, 14.0094, 47.7042



2.5633, 1.2313, 4.1927

Inverse Universe

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



80.2200, 76.6357, 98.5610



84.6998, 79.2997, 105.4497



76.8136, 87.2837, 89.5185



17.2137, 16.7683, 20.8719



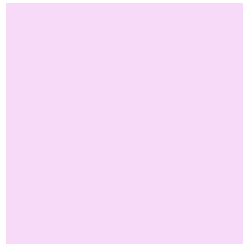
29.1649, 14.0094, 47.7042



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 80.2177, 76.6324, 98.5593 looks on a white background.

Color Contrast Check

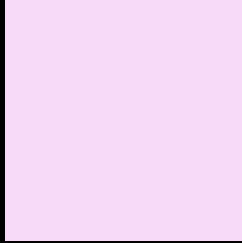
Large Text (above 18pt) WCAG AA × Fail

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 80.2177, 76.6324, 98.5593 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 80.2177, 76.6324, 98.5593

Background



This preview shows how black text looks on a background with the XYZ color 80.2177, 76.6324, 98.5593.

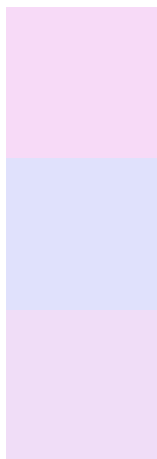


This preview shows how white text looks on a background with the XYZ color 80.2177, 76.6324,

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

80.2177, 76.6324, 98.5593

Protanopia

75.2364, 76.7260, 102.9397

Deuteranopia

78.5801, 76.9536, 98.7076



Tritanopia

78.8853, 76.8937, 90.8050

Trichromacy



Original Color

80.2177, 76.6324, 98.5593

Protanomaly

76.6553, 76.3005, 101.1298

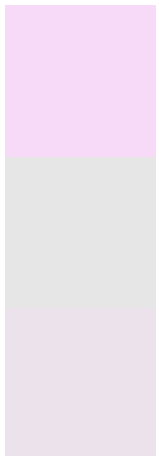
Deuteranomaly

79.3438, 76.9565, 98.6679

Tritanomaly

79.2147, 76.6067, 93.8306

Monochromacy



Original Color

80.2177, 76.6324, 98.5593

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.9287, 78.2817, 90.4122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2177, 76.6324, 98.5593 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(247, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 247)  
}
```

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(247, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 247) }
```

Border

The CSS property to change the border of an element to XYZ 80.2177, 76.6324, 98.5593 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(247, 218, 247) }
```


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

```
.border{ border-color:rgb(247, 218, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 218, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2177, 76.6324, 98.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 247) }
```

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

```
.background{ background-color: rgb(247,  
218, 247) }
```

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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