

Converting Colors

XYZ(78.8489, 75.9427, 95.5408)

Have a look what the booklet for
XYZ(78.8489, 75.9427, 95.5408)
contains.

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Color

**XYZ(78.9053, 76.0263,
95.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DAF3
RGB	245, 218, 243
RGB Percent	96%, 85%, 95%
CMY	0.0392, 0.1451, 0.0471
CMYK	0.00, 0.11, 0.01, 0.04
HSL	304°, 57%, 91%
HSV	304°, 11%, 96%
XYZ	78.9053, 76.0263, 95.3098
YIQ	228.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

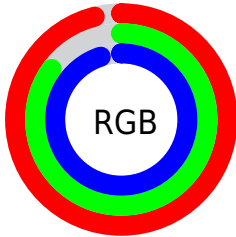
Format	Color
R_{YB}	245, 218, 243
Decimal	16112371
CIE _{Lab}	89.87, 13.58, -8.78
CIE _{LCh}	90, 16.171, 327.112
Yxy	76.0263, 0.3153, 0.3038
Android (android.graphics.Color)	4294302451 (0xFFFF5DAF3)
YUV	228.9230, 6.9400, 14.0995
Hunter-Lab	87.1931, 8.9456, -3.7741

Details

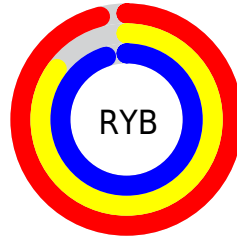
The XYZ color **78.9053, 76.0263, 95.3098** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.4871, 85.3798, 80.2683**, and the grayscale version is **74.3679, 78.2408, 85.2042**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0531, 40.6011, 52.5814** is the 20% darker color. If you saturate the color by 10%, you get **72.7437, 64.1385, 91.9108**, and if you desaturate by 10%, it is **86.0131, 89.7999, 99.0394**.

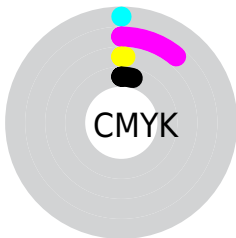
Distribution



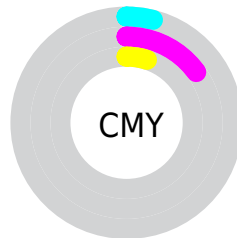
- Red (96%)
- Green (85%)
- Blue (95%)



- Red (96%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9053, 76.0263, 95.3098 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 78.9053, 76.0263, 95.3098 by changing the saturation by 10% instead.


 78.9053, 76.0263,
95.3098

 78.9053, 76.0263,
95.3098


480.0288,
481.4377, 566.1659

 59.1233, 56.4541,
71.7945


130.7842,
127.7641, 156.6918

 42.9591, 40.5671,
52.5050


163.6117,
160.6984, 195.3956

 30.0474, 27.9810,
37.0228


201.5186,
198.8556, 239.9994

 20.0229, 18.3113,
24.9292

244.8700,
242.6200, 290.9216

 12.5200, 11.1737,
15.8058

294.0314,
292.3760, 348.5808

 7.1736, 6.1838,
9.2340

349.3681,

 3.6182, 2.9572,

348.5080, 413.3956

4.7952

411.2454,
411.4005, 485.7844

■ 1.4885, 1.1094,
2.0710

■ 0.3180, 0.0000,
0.5984

■ 78.9053, 76.0263,
95.3098

■ 78.9053, 76.0263,
95.3098

■ 72.7437, 64.1385,
91.9108

■ 86.0131, 89.7999,
99.0394

■ 67.4805, 54.0446,
88.8237

■ 90.1486, 97.6255,
101.7908

■ 63.0740, 45.6595,
86.0354

■ 90.4297, 97.7379,
103.2708

■ 59.4764, 38.8879,
83.5300

■ 90.7135, 97.8515,
104.7652

56.6350, 33.6246,
81.2900

91.0000, 97.9661,
106.2740

54.4913, 29.7522,
79.2956

91.2893, 98.0818,
107.7973

52.9778, 27.1361,
77.5245

91.4668, 98.1528,
108.7323

52.0138, 25.6148,
75.9497

51.5009, 24.9504,
74.6641

Harmonies

Analogous

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



75.8184, 76.0263, 103.9474



78.9053, 76.0263, 95.3098



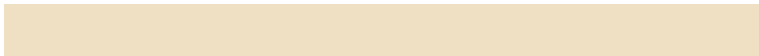
80.2076, 76.0263, 83.8932

Triad

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



78.9053, 76.0263, 95.3098



72.6485, 76.0263, 62.6940



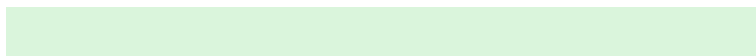
65.6363, 76.0263, 93.2161

Complementary

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



78.9053, 76.0263, 95.3098



74.4871, 85.3798, 80.2683

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.



64.8569, 76.0263, 81.6761



78.9053, 76.0263, 95.3098



68.8161, 76.0263, 64.7004

Square

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



78.9053, 76.0263, 95.3098



76.5128, 76.0263, 65.6456



66.0000, 76.0263, 71.3990



68.1692, 76.0263, 102.6625

Rectangle

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



78.9053, 76.0263, 95.3098



79.8540, 76.0263, 76.4737



66.0000, 76.0263, 71.3990



65.1647, 76.0263, 89.4233

Sweetspot

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



78.9075, 76.0296, 95.3114



92.5668, 95.1793, 107.6227



71.0108, 71.9236, 96.5276



19.6745, 20.1035, 22.9638



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.



78.9075, 76.0296, 95.3114



84.9784, 80.4857, 103.6042



76.9710, 75.2550, 85.1139



17.1575, 16.7459, 20.5761



27.7668, 13.4502, 40.3421



2.4560, 1.1884, 3.6275

Inverse Universe

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



78.9075, 76.0296, 95.3114



84.9784, 80.4857, 103.6042



76.3194, 86.1127, 89.9172



17.1575, 16.7459, 20.5761



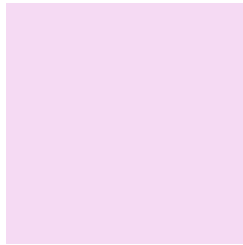
27.7668, 13.4502, 40.3421



2.4560, 1.1884, 3.6275

Previews

White Background



This preview shows how the XYZ color 78.9053, 76.0263, 95.3098 looks on a white background.

Color Contrast Check

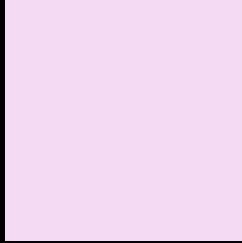
Large Text (above 18pt) WCAG AA × Fail

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 78.9053, 76.0263, 95.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

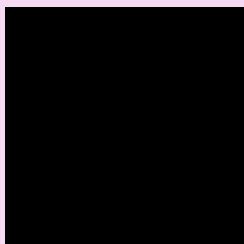
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9053, 76.0263, 95.3098

Background



This preview shows how black text looks on a background with the XYZ color 78.9053, 76.0263, 95.3098.



This preview shows how white text looks on a background with the XYZ color 78.9053, 76.0263,

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

78.9053, 76.0263, 95.3098

Protanopia

74.4542, 76.4131, 98.8207

Deuteranopia

78.0465, 76.3582, 95.4191



Tritanopia

77.7801, 75.9523, 89.9177

Trichromacy



Original Color

78.9053, 76.0263, 95.3098

Protanomaly

76.0345, 76.0522, 97.8609

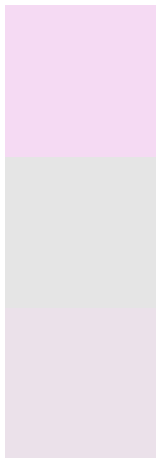
Deuteranomaly

78.1271, 76.0113, 95.3479

Tritanomaly

78.2197, 76.1281, 92.2329

Monochromacy



Original Color

78.9053, 76.0263, 95.3098

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.0374, 77.4531, 88.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9053, 76.0263, 95.3098 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(245, 218, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 243)  
}
```

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(245, 218, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 243) }
```

Border

The CSS property to change the border of an element to XYZ 78.9053, 76.0263, 95.3098 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(245, 218, 243) }
```


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

```
.border{ border-color:rgb(245, 218, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9053, 76.0263, 95.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 243) }
```

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

```
.background{ background-color: rgb(245,  
218, 243) }
```

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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