

Converting Colors

XYZ(80.0151, 76.2449, 97.9680)

Have a look what the booklet for
XYZ(80.0151, 76.2449, 97.9680)
contains.

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Color

**XYZ(79.8052, 76.0537,
97.6624)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D9F6
RGB	247, 217, 246
RGB Percent	97%, 85%, 96%
CMY	0.0314, 0.1490, 0.0353
CMYK	0.00, 0.12, 0.00, 0.03
HSL	302°, 65%, 91%
HSV	302°, 12%, 97%
XYZ	79.8052, 76.0537, 97.6624
YIQ	229.2760, 8.5710, 15.3790

Conversions

Conversions Part 2

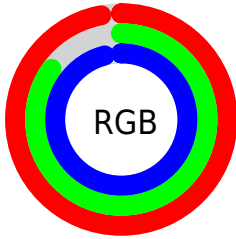
Format	Color
R_{YB}	247, 217, 246
Decimal	16243190
CIE _{Lab}	89.88, 15.30, -10.32
CIE _{LCh}	90, 18.459, 326.006
Yxy	76.0537, 0.3148, 0.3000
Android (android.graphics.Color)	4294433270 (0xFFFF7D9F6)
YUV	229.2760, 8.2449, 15.5439
Hunter-Lab	87.2088, 10.7309, -5.3509

Details

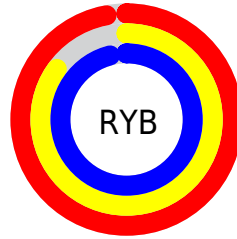
The XYZ color **79.8052, 76.0537, 97.6624** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.5339, 86.3374, 79.0702**, and the grayscale version is **74.6180, 78.5040, 85.4908**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7005, 40.6347, 54.2552** is the 20% darker color. If you saturate the color by 10%, you get **73.7837, 64.2115, 95.0337**, and if you desaturate by 10%, it is **86.7845, 89.8084, 100.6149**.

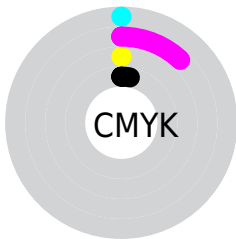
Distribution



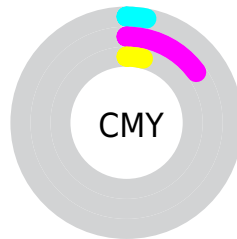
- Red (97%)
- Green (85%)
- Blue (96%)



- Red (97%)
- Yellow (85%)
- Blue (96%)



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



- Cyan (3%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8052, 76.0537, 97.6624 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 79.8052, 76.0537, 97.6624 by changing the saturation by 10% instead.

79.8052, 76.0537,
97.6624

79.8052, 76.0537,
97.6624

483.0226,
481.5315, 573.8543

59.8660, 56.4765,
73.7438

132.0438,
127.8028, 159.9648

43.5597, 40.5851,
54.0888

165.0739,
160.7436, 199.1857

30.5209, 27.9951,
38.2790

203.1983,
198.9076, 244.3444

20.3843, 18.3219,
25.8958

246.7823,
242.6794, 295.8595

12.7846, 11.1814,
16.5206

296.1915,
292.4433, 354.1495

7.3564, 6.1890,
9.7350

351.7910,

3.7343, 2.9603,

348.5837, 419.6329

5.1203

413.9463,
411.4849, 492.7284

■ 1.5529, 1.1111,
2.2581

■ 0.3614, 0.0000,
0.7076

■ 79.8052, 76.0537,
97.6624

■ 79.8052, 76.0537,
97.6624

■ 73.7837, 64.2115,
95.0337

■ 86.7845, 89.8084,
100.6149

■ 68.6712, 54.1874,
92.7099

■ 91.0072, 98.0500,
102.6504

■ 64.4245, 45.8941,
90.6774

■ 91.1350, 98.1011,
103.3238

■ 60.9943, 39.2330,
88.9199

■ 91.2635, 98.1525,
104.0001

■ 58.3266, 34.0959,
87.4192

■ 91.3925, 98.2041,
104.6794

■ 56.3605, 30.3611,
86.1552

■ 91.5220, 98.2559,
105.3617

■ 55.0261, 27.8889,
85.1045

■ 91.6522, 98.3080,
106.0469

■ 54.2391, 26.5104,
84.2390

■ 91.7829, 98.3603,
106.7351

■ 53.9036, 25.9926,
83.6553

■ 91.9141, 98.4128,
107.4263

Harmonies

Analogous

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



76.2011, 76.0537, 107.4987



79.8052, 76.0537, 97.6624



81.3940, 76.0537, 84.5713

Triad

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



79.8052, 76.0537, 97.6624



72.8993, 76.0537, 60.1941



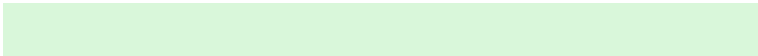
64.6871, 76.0537, 94.3190

Complementary

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



79.8052, 76.0537, 97.6624



74.5339, 86.3374, 79.0702

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.



63.8855, 76.0537, 81.0725



79.8052, 76.0537, 97.6624



68.5088, 76.0537, 62.2234

Square

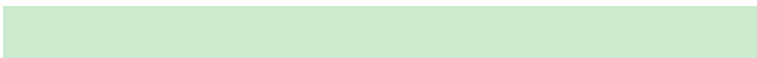
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



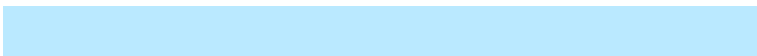
79.8052, 76.0537, 97.6624



77.3022, 76.0537, 63.6805



65.2560, 76.0537, 69.5445



67.4931, 76.0537, 105.4303

Rectangle

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



79.8052, 76.0537, 97.6624



81.0495, 76.0537, 76.0744



65.2560, 76.0537, 69.5445



64.1795, 76.0537, 89.9309

Sweetspot

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



79.8074, 76.0570, 97.6640



91.8272, 93.6420, 107.5558



70.5182, 71.2504, 98.0330



19.5292, 19.7955, 22.9686



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.



79.8074, 76.0570, 97.6640



83.8337, 77.8950, 104.1515



77.5970, 75.1728, 86.0241



17.1884, 16.7582, 20.7384



28.5185, 13.7508, 44.3003



2.5139, 1.2115, 3.9324

Inverse Universe

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



79.8074, 76.0570, 97.6640



83.8337, 77.8950, 104.1515



76.5867, 87.1585, 89.8802



17.1884, 16.7582, 20.7384



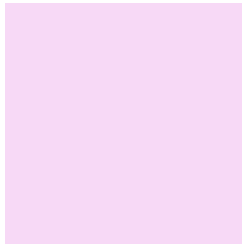
28.5185, 13.7508, 44.3003



2.5139, 1.2115, 3.9324

Previews

White Background



This preview shows how the XYZ color 79.8052, 76.0537, 97.6624 looks on a white background.

Color Contrast Check

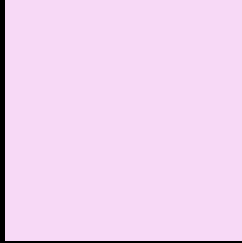
Large Text (above 18pt) WCAG AA × Fail

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 79.8052, 76.0537, 97.6624 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 79.8052, 76.0537, 97.6624

Background



This preview shows how black text looks on a background with the XYZ color 79.8052, 76.0537, 97.6624.



This preview shows how white text looks on a background with the XYZ color 79.8052, 76.0537,

97.6624.

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

79.8052, 76.0537, 97.6624

Protanopia

74.7692, 76.5034, 102.0927

Deuteranopia

77.6712, 76.1297, 96.9870



Tritanopia

78.4779, 76.3120, 89.9503

Trichromacy



Original Color

79.8052, 76.0537, 97.6624

Protanomaly

76.4989, 76.2379, 100.3060

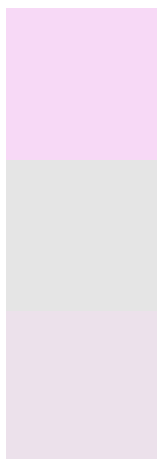
Deuteranomaly

78.4309, 76.1329, 96.9476

Tritanomaly

78.8056, 76.0269, 92.9592

Monochromacy



Original Color

79.8052, 76.0537, 97.6624

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.5127, 77.6815, 89.5586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8052, 76.0537, 97.6624 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, 217, 246)` looks like.

```
.text, #text, p{  
    color:rgb(247, 217, 246)  
}
```

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, 217, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.8052, 76.0537, 97.6624 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, 217, 246) }
```


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

```
.border{ border-color:rgb(247, 217, 246) }
```

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

Here you see how a box with a 4 pixel rgb(247, 217, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8052, 76.0537, 97.6624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 246) }
```

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

```
.background{ background-color: rgb(247,  
217, 246) }
```

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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