

Converting Colors

XYZ(79.8659, 76.4510, 98.5428)

Have a look what the booklet for
XYZ(79.8659, 76.4510, 98.5428)
contains.

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Color

**XYZ(79.8659, 76.4510,
98.5428)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DAF7
RGB	246, 218, 247
RGB Percent	96%, 85%, 97%
CMY	0.0353, 0.1451, 0.0314
CMYK	0.00, 0.12, 0.00, 0.03
HSL	298°, 64%, 91%
HSV	298°, 12%, 97%
XYZ	79.8659, 76.4510, 98.5428
YIQ	229.6780, 7.3790, 14.9550

Conversions

Conversions Part 2

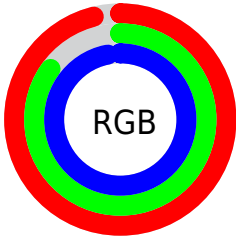
Format	Color
R _Y B	246, 218, 247
Decimal	16177911
CIE Lab	90.07, 14.63, -10.58
CIE LCh	90, 18.055, 324.125
Yxy	76.4510, 0.3134, 0.3000
Android (android.graphics.Color)	4294367991 (0xFFFF6DAF7)
YUV	229.6780, 8.5397, 14.3144
Hunter-Lab	87.4363, 10.0317, -5.6159

Details

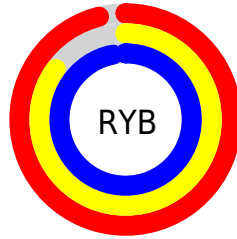
The XYZ color **79.8659, 76.4510, 98.5428** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.1318, 86.6455, 79.0979**, and the grayscale version is **74.9128, 78.8141, 85.8286**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7364, 40.9031, 54.8802** is the 20% darker color. If you saturate the color by 10%, you get **73.6348, 64.4301, 96.5521**, and if you desaturate by 10%, it is **87.0573, 90.3882, 100.8550**.

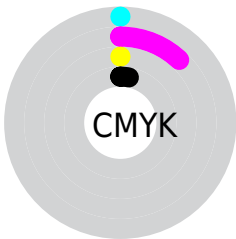
Distribution



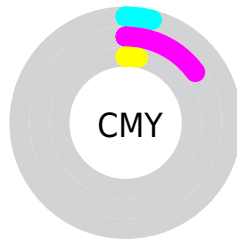
- Red (96%)
- Green (85%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8659, 76.4510, 98.5428 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 79.8659, 76.4510, 98.5428 by changing the saturation by 10% instead.

79.8659, 76.4510,
98.5428

79.8659, 76.4510,
98.5428

483.2242,
482.8902, 576.7173

59.9161, 56.8024,
74.4740

132.1287,
128.3642, 161.1876

43.6002, 40.8466,
54.6830

165.1724,
161.3976, 200.6007

30.5529, 28.1993,
38.7511

203.3114,
199.6614, 245.9656

20.4088, 18.4759,
26.2598

246.9112,
243.5400, 297.7010

12.8025, 11.2922,
16.7906

296.3370,
293.4178, 356.2253

7.3688, 6.2637,
9.9249

351.9542,

3.7421, 3.0061,

349.6791, 421.9571

5.2443

414.1281,
412.7085, 495.3149

■ 1.5573, 1.1349,
2.3300

■ 0.3643, 0.0076,
0.7480

■ 79.8659, 76.4510,
98.5428

■ 79.8659, 76.4510,
98.5428

■ 73.6348, 64.4301,
96.5521

■ 87.0573, 90.3882,
100.8550

■ 68.3151, 54.2313,
94.8639

■ 91.1556, 98.1381,
102.1349

■ 63.8641, 45.7675,
93.4648

■ 91.4578, 98.2938,
102.1491

■ 60.2324, 38.9407,
92.3385

■ 91.7614, 98.4503,
102.1633

57.3663, 33.6428,
91.4670

92.0663, 98.6076,
102.1776

55.2052, 29.7531,
90.8301

92.3726, 98.7655,
102.1919

53.6798, 27.1325,
90.4047

92.6804, 98.9241,
102.2063

52.7062, 25.6137,
90.1628

92.9894, 99.0834,
102.2208

52.2115, 24.9766,
90.0659

93.2999, 99.2435,
102.2353

Harmonies

Analogous

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



76.2403, 76.4510, 107.8327



79.8659, 76.4510, 98.5428



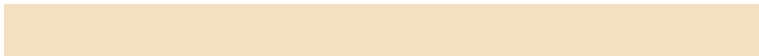
81.5690, 76.4510, 85.7913

Triad

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



79.8659, 76.4510, 98.5428



73.5491, 76.4510, 61.0459



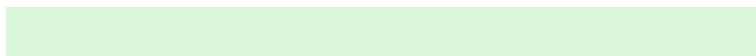
65.0871, 76.4510, 93.7319

Complementary

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



79.8659, 76.4510, 98.5428



75.1318, 86.6455, 79.0979

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.



64.4326, 76.4510, 80.7440



79.8659, 76.4510, 98.5428



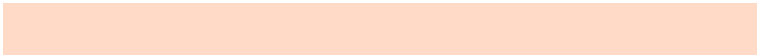
69.2021, 76.4510, 62.7068

Square

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



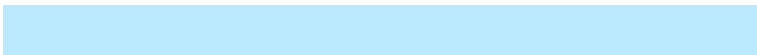
79.8659, 76.4510, 98.5428



77.8271, 76.4510, 64.8194



65.9093, 76.4510, 69.6134



67.7352, 76.4510, 104.8615

Rectangle

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



79.8659, 76.4510, 98.5428



81.3369, 76.4510, 77.3689



65.9093, 76.4510, 69.6134



64.6313, 76.4510, 89.4053

Sweetspot

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



79.8682, 76.4543, 98.5445



91.7527, 93.5972, 107.8379



71.1543, 72.5227, 98.2449



19.5102, 19.7841, 23.0404



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

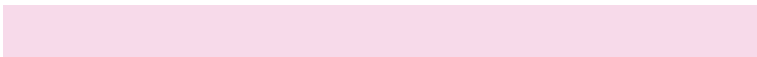
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8682, 76.4543, 98.5445



84.2484, 79.0670, 105.4288



78.2757, 75.8579, 88.3232



17.1538, 16.7375, 20.8691



27.6388, 13.2226, 47.6335



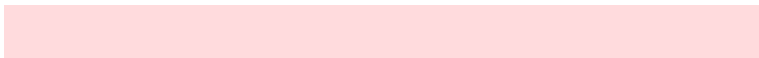
2.4466, 1.1711, 4.1873

Inverse Universe

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



76.2180, 75.0349, 77.4876



79.6386, 77.2752, 78.7976



76.6077, 87.2012, 88.4349



16.5223, 16.4918, 17.2310



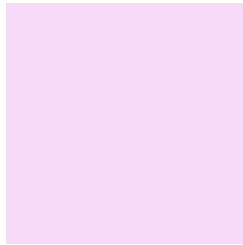
20.3213, 10.4720, 1.1346



1.7940, 0.9236, 0.1418

Previews

White Background



This preview shows how the XYZ color 79.8659, 76.4510, 98.5428 looks on a white background.

Color Contrast Check

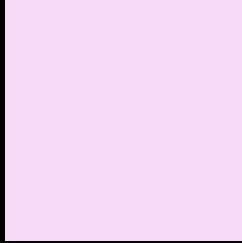
Large Text (above 18pt) WCAG AA × Fail

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 79.8659, 76.4510, 98.5428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

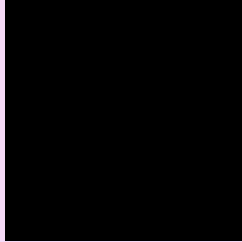
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8659, 76.4510, 98.5428

Background



This preview shows how black text looks on a background with the XYZ color 79.8659, 76.4510, 98.5428.



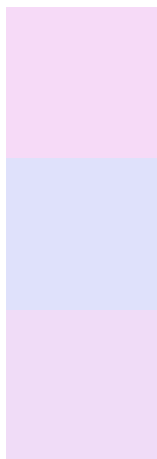
This preview shows how white text looks on a background with the XYZ color 79.8659, 76.4510,

98.5428.

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

79.8659, 76.4510, 98.5428

Protanopia

74.7692, 76.5034, 102.0927

Deuteranopia

78.3169, 76.4271, 98.6198



Tritanopia

78.5354, 76.7133, 90.7886

Trichromacy



Original Color

79.8659, 76.4510, 98.5428

Protanomaly

76.3316, 76.1336, 101.1146

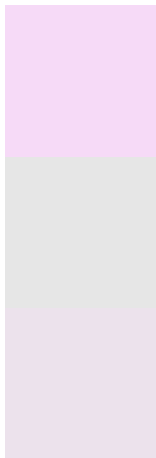
Deuteranomaly

78.7380, 76.2557, 98.5646

Tritanomaly

78.8649, 76.4264, 93.8142

Monochromacy



Original Color

79.8659, 76.4510, 98.5428

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 79.8659, 76.4510, 98.5428 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(246, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 218, 247) }
```

Border

The CSS property to change the border of an element to XYZ 79.8659, 76.4510, 98.5428 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(246, 218, 247) }
```


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

```
.border{ border-color:rgb(246, 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(246, 218, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(246, 218,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8659, 76.4510, 98.5428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 218, 247) }
```

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

```
.background{ background-color: rgb(246,  
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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