

Converting Colors

XYZ(79.5273, 75.9988,
100.8380)

Have a look what the booklet for
XYZ(79.5273, 75.9988, 100.8380)
contains.

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Color

**XYZ(79.3764, 75.7609,
100.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D9FA
RGB	244, 217, 250
RGB Percent	96%, 85%, 98%
CMY	0.0431, 0.1490, 0.0196
CMYK	0.02, 0.13, 0.00, 0.02
HSL	289°, 77%, 92%
HSV	289°, 13%, 98%
XYZ	79.3764, 75.7609, 100.8822
YIQ	228.8350, 5.4990, 15.9870

Conversions

Conversions Part 2

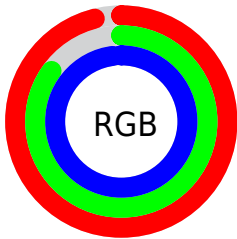
Format	Color
RYB	244, 217, 250
Decimal	16046586
CIELab	89.75, 15.04, -12.65
CIElCh	90, 19.657, 319.937
Yxy	75.7609, 0.3100, 0.2959
Android (android.graphics.Color)	4294236666 (0xFFFF4D9FA)
YUV	228.8350, 10.4343, 13.2997
Hunter-Lab	87.0407, 10.4610, -7.7899

Details

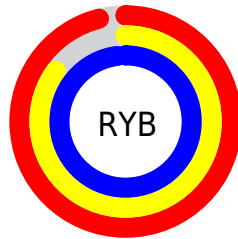
The XYZ color **79.3764, 75.7609, 100.8822** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.1441, 89.0709, 78.7758**, and the grayscale version is **74.2797, 78.1480, 85.1032**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3970, 40.4271, 56.5549** is the 20% darker color. If you saturate the color by 10%, you get **71.8571, 63.0340, 98.8231**, and if you desaturate by 10%, it is **87.9152, 90.4665, 103.2718**.

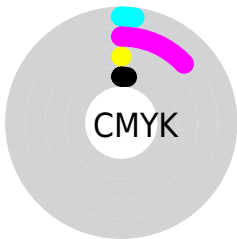
Distribution



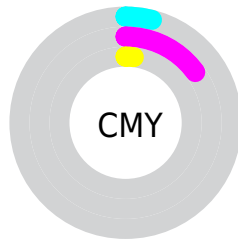
- Red (96%)
- Green (85%)
- Blue (98%)



- Red (96%)
- Yellow (85%)
- Blue (98%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (4%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3764, 75.7609, 100.8822 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 79.3764, 75.7609, 100.8822 by changing the saturation by 10% instead.

79.3764, 75.7609,
100.8822

79.3764, 75.7609,
100.8822

481.5974,
480.5288, 584.2882

59.5120, 56.2365,
76.4165

131.4438,
127.3889, 164.4314

43.2734, 40.3925,
56.2654

164.3775,
160.2612, 204.3521

30.2951, 27.8447,
40.0103

202.3983,
198.3516, 250.2614

20.2119, 18.2087,
27.2328

245.8717,
242.0445, 302.5781

12.6583, 11.0999,
17.5141

295.1629,
291.7243, 361.7205

7.2691, 6.1341,
10.4359

350.6374,

3.6788, 2.9268,

347.7753, 428.1074

5.5796

412.6604,
410.5820, 502.1571

■ 1.5220, 1.0936,
2.5265

■ 0.3408, 0.0000,
0.8542

■ 79.3764, 75.7609,
100.8822

■ 79.3764, 75.7609,
100.8822

■ 71.8571, 63.0340,
98.8231

■ 87.9152, 90.4665,
103.2718

■ 65.3066, 52.1885,
97.0750

■ 93.5575, 99.3224,
104.6837

■ 59.6796, 43.1331,
95.6237

■ 94.2555, 99.6822,
104.7164

■ 54.9247, 35.7654,
94.4522

■ 50.9852, 29.9724,
93.5416

■ 47.7973, 25.6271,
92.8709

■ 45.2875, 22.5826,
92.4156

■ 43.3663, 20.6605,
92.1458

■ 42.3068, 19.8166,
92.0388

Harmonies

Analogous

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



75.2321, 75.7609, 110.2002



79.3764, 75.7609, 100.8822



81.5763, 75.7609, 87.2408

Triad

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



79.3764, 75.7609, 100.8822



73.6485, 75.7609, 58.9105



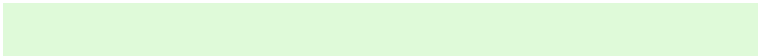
63.6009, 75.7609, 91.9273

Complementary

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



79.3764, 75.7609, 100.8822



77.1441, 89.0709, 78.7758

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.



63.2196, 75.7609, 77.9163



79.3764, 75.7609, 100.8822



68.8782, 75.7609, 59.8653

Square

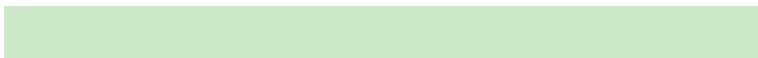
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



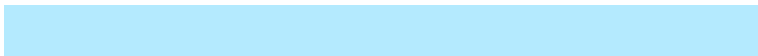
79.3764, 75.7609, 100.8822



78.1725, 75.7609, 63.7095



65.1112, 75.7609, 66.4825



66.1773, 75.7609, 104.6418

Rectangle

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



79.3764, 75.7609, 100.8822



81.5801, 75.7609, 77.9715



65.1112, 75.7609, 66.4825



63.2164, 75.7609, 87.1813

Sweetspot

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



79.3787, 75.7642, 100.8838



91.2029, 93.3138, 107.8122



72.2747, 74.4594, 101.0064



19.3706, 19.7121, 23.0338



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.



79.3787, 75.7642, 100.8838



80.7104, 75.2945, 104.8871



79.9009, 76.2175, 92.5903



17.6654, 17.3556, 21.8042



22.5534, 10.5694, 48.8250



2.1667, 1.0190, 4.5257

Inverse Universe

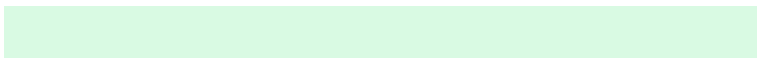
The Inverse Universe completely reimagines the original color for something new.



77.5591, 75.2808, 80.2584



78.4710, 74.7079, 79.1237



76.7308, 88.6958, 86.0780



17.3735, 17.2767, 18.5565



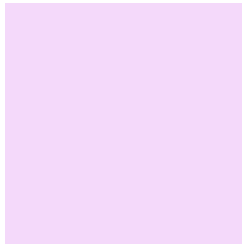
21.2052, 10.8978, 2.5228



1.9980, 1.0229, 0.4126

Previews

White Background



This preview shows how the XYZ color 79.3764, 75.7609, 100.8822 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 79.3764, 75.7609, 100.8822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

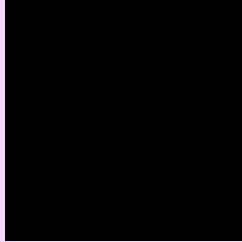
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3764, 75.7609, 100.8822

Background



This preview shows how black text looks on a background with the XYZ color 79.3764, 75.7609, 100.8822.



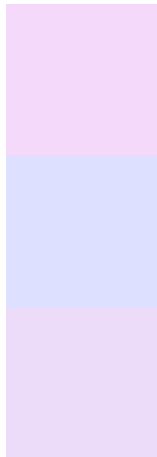
This preview shows how white text looks on a background with the XYZ color 79.3764, 75.7609,

100.8822.

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

79.3764, 75.7609, 100.8822

Protanopia

74.5244, 75.9035, 105.3307

Deuteranopia

77.6171, 76.0305, 100.2070



Tritanopia

77.0898, 75.5964, 89.8854

Trichromacy



Original Color

79.3764, 75.7609, 100.8822

Protanomaly

75.8992, 75.4628, 103.4940

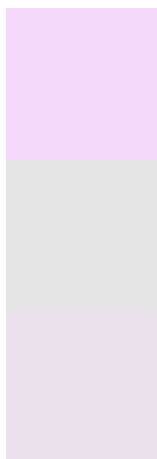
Deuteranomaly

78.3656, 76.0279, 100.1671

Tritanomaly

77.9107, 75.5484, 93.6950

Monochromacy



Original Color

79.3764, 75.7609, 100.8822

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.1430, 77.4573, 91.0583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3764, 75.7609, 100.8822 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(244, 217, 250)` looks like.

```
.text, #text, p{  
    color:rgb(244, 217, 250)  
}
```

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(244, 217, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 217, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.3764, 75.7609, 100.8822 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(244, 217, 250) }
```


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

```
.border{ border-color:rgb(244, 217, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 217, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 217, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 217, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 217,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3764, 75.7609, 100.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 217, 250) }
```

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

```
.background{ background-color: rgb(244,  
217, 250) }
```

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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