

Converting Colors

XYZ(100.0091, 86.8158,
83.0814)

Have a look what the booklet for
XYZ(100.0091, 86.8158, 83.0814)
contains.

XYZ(79.7803, 76.3767, 82.4888)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.7803, 76.3767,
82.4888)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9E2
RGB	255, 217, 226
RGB Percent	100%, 85%, 89%
CMY	0.0000, 0.1490, 0.1137
CMYK	0.00, 0.15, 0.11, 0.00
HSL	346°, 100%, 93%
HSV	346°, 15%, 100%
XYZ	79.7803, 76.3767, 82.4888
YIQ	229.3880, 19.7590, 10.8550

Conversions

Conversions Part 2

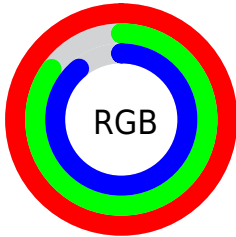
Format	Color
R _Y B	255, 217, 226
Decimal	16767458
CIE Lab	90.03, 14.61, 0.49
CIE LCh	90, 14.618, 1.937
Yxy	76.3767, 0.3343, 0.3200
Android (android.graphics.Color)	4294957538 (0xFFFFD9E2)
YUV	229.3880, -1.6703, 22.4617
Hunter-Lab	87.3938, 10.0106, 5.2133

Details

The XYZ color **79.7803, 76.3767, 82.4888** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0123, 92.9268, 100.8593**, and the grayscale version is **74.7652, 78.6588, 85.6594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5597, 40.7867, 44.1049** is the 20% darker color. If you saturate the color by 10%, you get **71.1875, 63.2252, 67.1880**, and if you desaturate by 10%, it is **89.6954, 91.6869, 99.7281**.

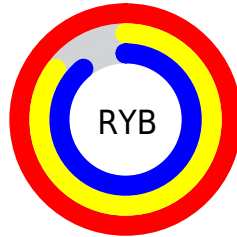
Distribution



Red (100%)

Green (85%)

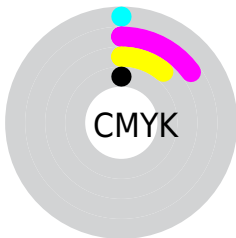
Blue (89%)



Red (100%)

Yellow (85%)

Blue (89%)

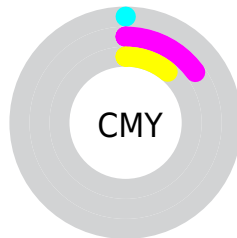


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7803, 76.3767, 82.4888 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 79.7803, 76.3767, 82.4888 by changing the saturation by 10% instead.

79.7803, 76.3767,
82.4888

79.7803, 76.3767,
82.4888

482.9399,
482.6362, 523.2075

59.8454, 56.7415,
61.2304

132.0089,
128.2593, 138.7021

43.5430, 40.7977,
43.9793

165.0334,
161.2753, 174.4940

30.5078, 28.1610,
30.3172

203.1518,
199.5205, 215.9675

20.3743, 18.4471,
19.8254

246.7295,
243.3791, 263.5411

12.7773, 11.2715,
12.0854

296.1318,
293.2356, 317.6334

7.3513, 6.2497,
6.6786

351.7240,

3.7310, 2.9975,

349.4744, 378.6629

3.1865

413.8716,
412.4798, 447.0481

■ 1.5511, 1.1304,
1.1907

■ 0.3602, 0.0038,
0.0000

■ 79.7803, 76.3767,
82.4888

■ 79.7803, 76.3767,
82.4888

■ 71.1875, 63.2252,
67.1880

■ 89.6954, 91.6869,
99.7281

■ 63.8551, 52.1258,
53.7522

95.0500, 100.0000,
108.9000

■ 57.7241, 42.9772,
42.1103

■ 52.7287, 35.6658,
32.1847

■ 48.7964, 30.0660,
23.8918

■ 45.8462, 26.0365,
17.1409

■ 43.7848, 23.4130,
11.8315

■ 42.4990, 21.9940,
7.8495

■ 42.0655, 21.5902,
6.2771

Harmonies

Analogous

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



78.9155, 76.3767, 92.9036



79.7803, 76.3767, 82.4888



78.6669, 76.3767, 73.0486

Triad

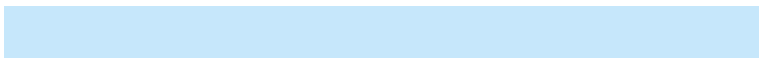
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7803, 76.3767, 82.4888



68.9710, 76.3767, 67.3547



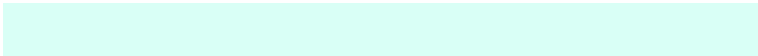
69.3659, 76.3767, 102.0362

Complementary

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



79.7803, 76.3767, 82.4888



81.0123, 92.9268, 100.8593

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.



66.8415, 76.3767, 94.1666



79.7803, 76.3767, 82.4888



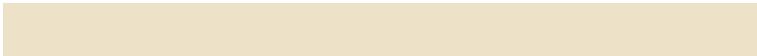
66.6189, 76.3767, 74.1250

Square

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



79.7803, 76.3767, 82.4888



72.3586, 76.3767, 64.7745



65.8523, 76.3767, 83.8373



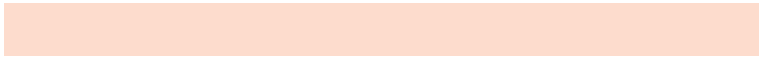
72.8294, 76.3767, 104.7346

Rectangle

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



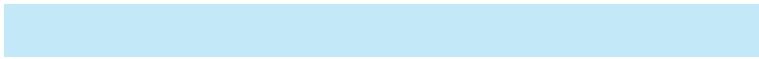
79.7803, 76.3767, 82.4888



76.9735, 76.3767, 68.4228



65.8523, 76.3767, 83.8373



68.3834, 76.3767, 99.8773

Sweetspot

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



79.7821, 76.3799, 82.4904



90.6536, 93.1725, 101.3758



80.6958, 76.3517, 105.0920



19.2319, 19.6766, 21.4034



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

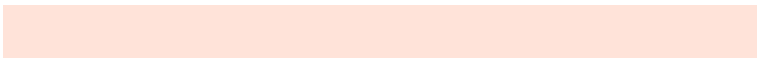
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7821, 76.3799, 82.4904



76.9789, 72.0756, 77.5421



81.0989, 80.9376, 76.9979



18.1856, 18.0576, 19.5945



22.0279, 11.3004, 3.5312



2.1850, 1.1164, 0.5558

Inverse Universe

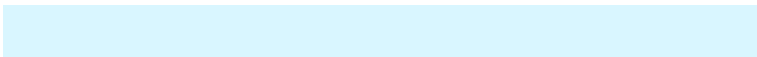
The Inverse Universe completely reimagines the original color for something new.



79.7821, 76.3799, 82.4904



76.9789, 72.0756, 77.5421



79.4714, 87.5813, 107.3240



18.1856, 18.0576, 19.5945



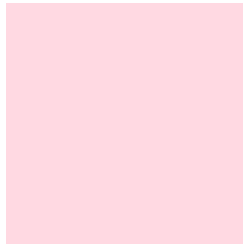
22.0279, 11.3004, 3.5312



2.1850, 1.1164, 0.5558

Previews

White Background



This preview shows how the XYZ color 79.7803, 76.3767, 82.4888 looks on a white background.

Color Contrast Check

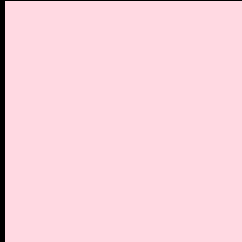
Large Text (above 18pt) WCAG AA × Fail

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 79.7803, 76.3767, 82.4888 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 79.7803, 76.3767, 82.4888

Background



This preview shows how black text looks on a background with the XYZ color 79.7803, 76.3767, 82.4888.



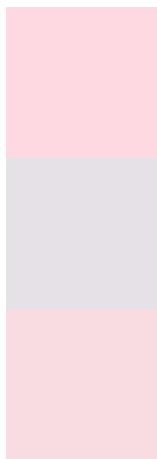
This preview shows how white text looks on a background with the XYZ color 79.7803, 76.3767,

82.4888.

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

79.7803, 76.3767, 82.4888

Protanopia

73.6621, 76.2780, 86.4420

Deuteranopia

78.1259, 76.2938, 82.5600



Tritanopia

80.5038, 76.2549, 87.5665

Trichromacy



Original Color

79.7803, 76.3767, 82.4888

Protanomaly

75.5240, 76.0768, 84.8325

Deuteranomaly

78.5825, 76.1430, 82.5068

Tritanomaly

80.0788, 76.0849, 85.3282

Monochromacy



Original Color

79.7803, 76.3767, 82.4888

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.1887, 77.6290, 84.3671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7803, 76.3767, 82.4888 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(255, 217, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 226)  
}
```

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(255, 217, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.7803, 76.3767, 82.4888 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(255, 217, 226) }
```


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

```
.border{ border-color:rgb(255, 217, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7803, 76.3767, 82.4888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 226) }
```

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

```
.background{ background-color: rgb(255,  
217, 226) }
```

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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