

Converting Colors

XYZ(79.8722, 76.0037, 84.2354)

Have a look what the booklet for
XYZ(79.8722, 76.0037, 84.2354)
contains.

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Color

**XYZ(79.9387, 76.0289,
84.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E5
RGB	255, 216, 229
RGB Percent	100%, 85%, 90%
CMY	0.0000, 0.1529, 0.1020
CMYK	0.00, 0.15, 0.10, 0.00
HSL	340°, 100%, 92%
HSV	340°, 15%, 100%
XYZ	79.9387, 76.0289, 84.5906
YIQ	229.1430, 19.0710, 12.3110

Conversions

Conversions Part 2

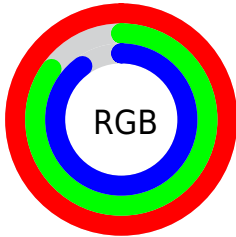
Format	Color
R _{YB}	255, 216, 229
Decimal	16767205
CIE Lab	89.87, 15.62, -1.32
CIE LCh	90, 15.672, 355.171
Yxy	76.0289, 0.3323, 0.3161
Android (android.graphics.Color)	4294957285 (0xFFFFD8E5)
YUV	229.1430, -0.0705, 22.6766
Hunter-Lab	87.1946, 11.0557, 3.5168

Details

The XYZ color **79.9387, 76.0289, 84.5906** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.1084, 92.5309, 97.6461**, and the grayscale version is **74.5737, 78.4573, 85.4400**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6736, 40.5515, 45.5698** is the 20% darker color. If you saturate the color by 10%, you get **71.6469, 63.0600, 70.6828**, and if you desaturate by 10%, it is **89.4804, 91.1247, 100.0640**.

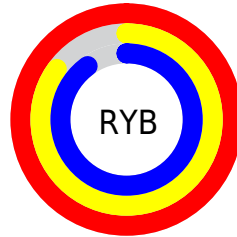
Distribution



Red (100%)

Green (85%)

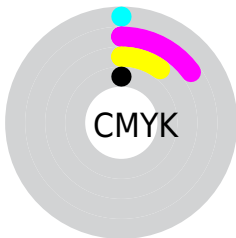
Blue (90%)



Red (100%)

Yellow (85%)

Blue (90%)

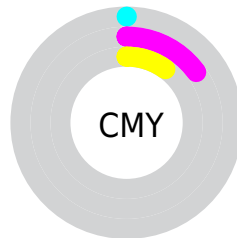


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.9387, 76.0289, 84.5906 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 79.9387, 76.0289, 84.5906 by changing the saturation by 10% instead.

79.9387, 76.0289,
84.5906

79.9387, 76.0289,
84.5906

483.4659,
481.4466, 530.3816

59.9762, 56.4562,
62.9550

132.2305,
127.7678, 141.6701

43.6488, 40.5688,
45.3640

165.2906,
160.7027, 177.9511

30.5913, 27.9823,
31.3992

203.4471,
198.8605, 219.9509

20.4381, 18.3123,
20.6420

247.0657,
242.6256, 268.0881

12.8240, 11.1745,
12.6739

296.5114,
292.3824, 322.7812

7.3836, 6.1843,
7.0763

352.1498,

3.7516, 2.9575,

348.5152, 384.4488

3.4307

414.3462,
411.4085, 453.5094

■ 1.5626, 1.1096,
1.3185

■ 0.3678, 0.0000,
0.0769

■ 79.9387, 76.0289,
84.5906

■ 79.9387, 76.0289,
84.5906

■ 71.6469, 63.0600,
70.6828

■ 89.4804, 91.1247,
100.0640

■ 64.5464, 52.1125,
58.2854

95.0500, 100.0000,
108.9000

■ 58.5816, 43.0864,
47.3465

■ 53.6906, 35.8690,
37.8094

■ 49.8049, 30.3362,
29.6133

■ 46.8481, 26.3478,
22.6922

■ 44.7313, 23.7404,
16.9737

■ 43.3468, 22.3132,
12.3754

■ 42.8790, 21.9156,
10.5610

Harmonies

Analogous

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



78.5485, 76.0289, 95.5674



79.9387, 76.0289, 84.5906



79.2130, 76.0289, 74.0409

Triad

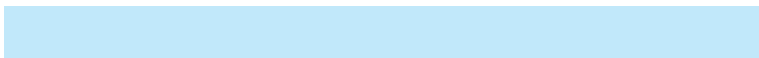
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9387, 76.0289, 84.5906



69.1427, 76.0289, 64.9455



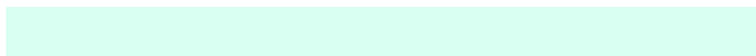
68.0939, 76.0289, 101.5477

Complementary

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



79.9387, 76.0289, 84.5906



80.1084, 92.5309, 97.6461

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.



65.7322, 76.0289, 92.1865



79.9387, 76.0289, 84.5906



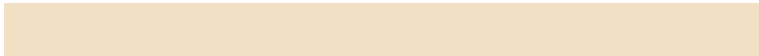
66.3224, 76.0289, 71.1920

Square

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



79.9387, 76.0289, 84.5906



72.8918, 76.0289, 63.3017



65.0954, 76.0289, 81.0004



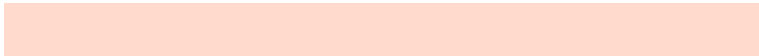
71.6382, 76.0289, 105.8988

Rectangle

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



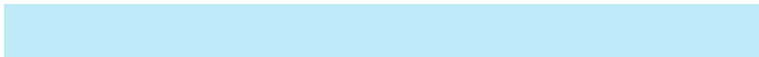
79.9387, 76.0289, 84.5906



77.6401, 76.0289, 68.5626



65.0954, 76.0289, 81.0004



67.1404, 76.0289, 98.8441

Sweetspot

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



79.9405, 76.0321, 84.5922



89.7779, 91.5977, 100.5393



79.2261, 75.2125, 104.9495



19.0632, 19.3625, 21.2750



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

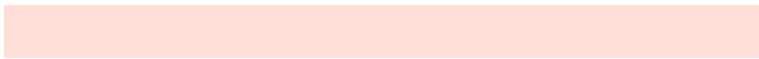
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9405, 76.0321, 84.5922



77.5735, 72.3134, 80.6729



79.8911, 78.7295, 75.9555



18.2590, 18.0869, 19.9813



22.4667, 11.4760, 5.8424



2.2358, 1.1367, 0.8230

Inverse Universe

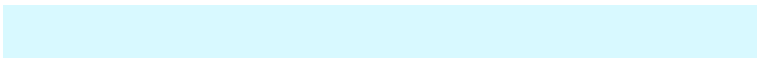
The Inverse Universe completely reimagines the original color for something new.



79.9405, 76.0321, 84.5922



77.5735, 72.3134, 80.6729



80.0924, 89.2632, 107.6159



18.2590, 18.0869, 19.9813



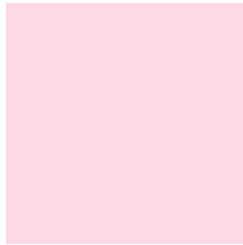
22.4667, 11.4760, 5.8424



2.2358, 1.1367, 0.8230

Previews

White Background



This preview shows how the XYZ color 79.9387, 76.0289, 84.5906 looks on a white background.

Color Contrast Check

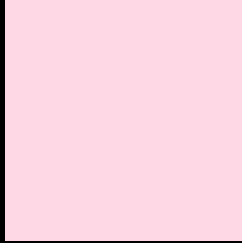
Large Text (above 18pt) WCAG AA × Fail

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 79.9387, 76.0289, 84.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

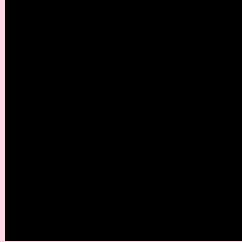
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9387, 76.0289, 84.5906

Background



This preview shows how black text looks on a background with the XYZ color 79.9387, 76.0289, 84.5906.



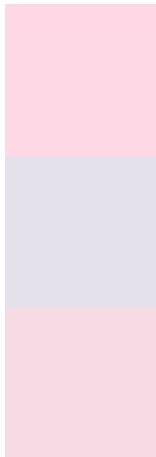
This preview shows how white text looks on a background with the XYZ color 79.9387, 76.0289,

84.5906.

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

79.9387, 76.0289, 84.5906

Protanopia

73.7714, 76.2849, 88.6782

Deuteranopia

77.6929, 76.0386, 83.9809



Tritanopia

80.3614, 76.1979, 86.8161

Trichromacy



Original Color

79.9387, 76.0289, 84.5906

Protanomaly

75.9467, 76.2459, 87.0580

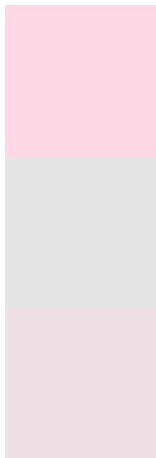
Deuteranomaly

78.4993, 76.0682, 83.9441

Tritanomaly

80.2197, 76.1413, 86.0700

Monochromacy



Original Color

79.9387, 76.0289, 84.5906

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.0584, 77.1456, 85.0106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9387, 76.0289, 84.5906 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, 216, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 229)  
}
```

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, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 229) }
```

Border

The CSS property to change the border of an element to XYZ 79.9387, 76.0289, 84.5906 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, 216, 229) }
```


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

```
.border{ border-color:rgb(255, 216, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9387, 76.0289, 84.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 229) }
```

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

```
.background{ background-color: rgb(255,  
216, 229) }
```

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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