

Converting Colors

XYZ(75.9364, 69.0909, 79.9680)

Have a look what the booklet for
XYZ(75.9364, 69.0909, 79.9680)
contains.

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Color

**XYZ(75.8151, 68.8829,
79.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAE0
RGB	255, 202, 224
RGB Percent	100%, 79%, 88%
CMY	0.0000, 0.2078, 0.1216
CMYK	0.00, 0.21, 0.12, 0.00
HSL	335°, 100%, 90%
HSV	335°, 21%, 100%
XYZ	75.8151, 68.8829, 79.8208
YIQ	220.3550, 24.5260, 18.0780

Conversions

Conversions Part 2

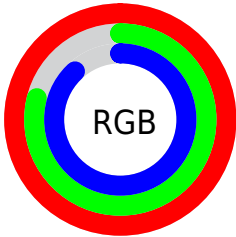
Format	Color
R_{YB}	255, 202, 224
Decimal	16763616
CIE _{Lab}	86.45, 22.13, -3.70
CIE _{LCh}	86, 22.436, 350.496
Yxy	68.8829, 0.3377, 0.3068
Android (android.graphics.Color)	4294953696 (0xFFFFCAE0)
YUV	220.3550, 1.7970, 30.3837
Hunter-Lab	82.9957, 17.8140, 1.0751

Details

The XYZ color **75.8151, 68.8829, 79.8208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8274, 89.9609, 90.5147**, and the grayscale version is **68.2527, 71.8072, 78.1980**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0400, 36.0501, 42.3314** is the 20% darker color. If you saturate the color by 10%, you get **68.3839, 57.1172, 67.7973**, and if you desaturate by 10%, it is **84.4155, 82.7025, 93.1114**.

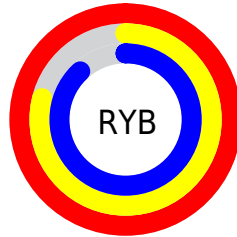
Distribution



Red (100%)

Green (79%)

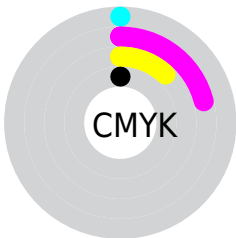
Blue (88%)



Red (100%)

Yellow (79%)

Blue (88%)

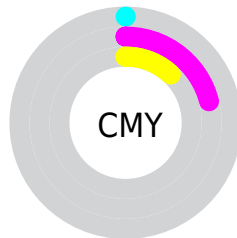


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8151, 68.8829, 79.8208 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 75.8151, 68.8829, 79.8208 by changing the saturation by 10% instead.


 75.8151, 68.8829,
79.8208

 75.8151, 68.8829,
79.8208


469.6686,
456.6179, 514.0195

 56.5774, 50.6163,
59.0456


126.4473,
117.6143, 134.9229

 40.9049, 35.9034,
42.2296

158.5725,
148.8480, 170.0868

 28.4321, 24.3596,
28.9542


195.7242,
185.1727, 210.8841

 18.7938, 15.6006,
18.8009

238.2678,
226.9731, 257.7333

 11.6245, 9.2420,
11.3511

286.5688,
274.6334, 311.0529

 6.5589, 4.8993,
6.1864

340.9923,

 3.2317, 2.1883,

328.5380, 371.2614

2.8881

401.9038,
389.0714, 438.7775

■ 1.2774, 0.7136,
1.0378

■ 0.1662, 0.0000,
0.0000

■ 75.8151, 68.8829,
79.8208

■ 75.8151, 68.8829,
79.8208

■ 68.3839, 57.1172,
67.7973

■ 84.4155, 82.7025,
93.1114

■ 62.0642, 47.2978,
56.9967

■ 94.2299, 98.6595,
107.7031

■ 56.8001, 39.3206,
47.3779

■ 95.0500, 100.0000,
108.9000

■ 52.5290, 33.0680,
38.8957

■ 49.1811, 28.4088,
31.5013

■ 46.6769, 25.1925,
25.1415

■ 44.9217, 23.2392,
19.7564

■ 43.8331, 22.2972,
15.5851

Harmonies

Analogous

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



73.4769, 68.8829, 94.6916



75.8151, 68.8829, 79.8208



75.2709, 68.8829, 65.4332

Triad

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



75.8151, 68.8829, 79.8208



62.0388, 68.8829, 51.2893



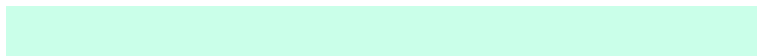
59.3258, 68.8829, 99.2857

Complementary

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



75.8151, 68.8829, 79.8208



74.8274, 89.9609, 90.5147

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.



56.5612, 68.8829, 85.4605



75.8151, 68.8829, 79.8208



58.0691, 68.8829, 58.2501

Square

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



75.8151, 68.8829, 79.8208



67.1329, 68.8829, 50.1974



56.1136, 68.8829, 70.3807



63.8371, 68.8829, 106.8688

Rectangle

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



75.8151, 68.8829, 79.8208



73.3571, 68.8829, 57.9307



56.1136, 68.8829, 70.3807



58.1716, 68.8829, 95.1347

Sweetspot

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



75.8167, 68.8858, 79.8222



88.9541, 90.0606, 99.9243



72.7498, 66.7739, 103.6621



18.9036, 19.0553, 21.1849



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.



75.8167, 68.8858, 79.8222



72.5423, 63.6775, 74.5981



74.0745, 69.8707, 65.4631



18.3220, 18.1121, 20.3130



22.9739, 11.6789, 8.5130



2.2898, 1.1583, 1.1073

Inverse Universe

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



75.8167, 68.8858, 79.8222



72.5423, 63.6775, 74.5981



76.7761, 88.5120, 107.6457



18.3220, 18.1121, 20.3130



22.9739, 11.6789, 8.5130



2.2898, 1.1583, 1.1073

Previews

White Background



This preview shows how the XYZ color 75.8151, 68.8829, 79.8208 looks on a white background.

Color Contrast Check

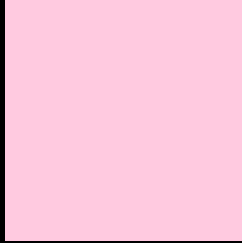
Large Text (above 18pt) WCAG AA × Fail

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 75.8151, 68.8829, 79.8208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

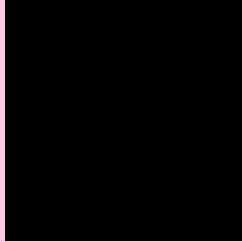
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8151, 68.8829, 79.8208

Background



This preview shows how black text looks on a background with the XYZ color 75.8151, 68.8829, 79.8208.



This preview shows how white text looks on a background with the XYZ color 75.8151, 68.8829,

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

75.8151, 68.8829, 79.8208

Protanopia

67.1848, 69.0260, 86.1263

Deuteranopia

70.4924, 69.0293, 78.7159



Tritanopia

75.0152, 68.8972, 76.3626

Trichromacy



Original Color

75.8151, 68.8829, 79.8208

Protanomaly

69.8226, 68.5733, 83.6847

Deuteranomaly

72.2501, 68.8306, 79.2897

Tritanomaly

75.2801, 69.0032, 77.7579

Monochromacy



Original Color

75.8151, 68.8829, 79.8208

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.4497, 70.1326, 78.2305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8151, 68.8829, 79.8208 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, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 224)  
}
```

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, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 224) }
```

Border

The CSS property to change the border of an element to XYZ 75.8151, 68.8829, 79.8208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

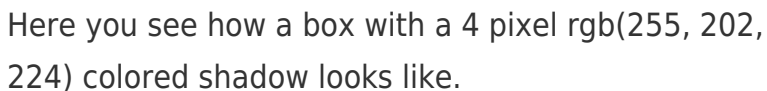
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 202, 224) }
```


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

```
.border{ border-color:rgb(255, 202, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 202, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 202, 224); box-shadow:4px 4px 4px 4px rgb(255, 202, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8151, 68.8829, 79.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 224) }
```

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

```
.background{ background-color: rgb(255,  
202, 224) }
```

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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