

Converting Colors

XYZ(101.8807, 82.2202,
83.0814)

Have a look what the booklet for
XYZ(101.8807, 82.2202, 83.0814)
contains.

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Color

**XYZ(76.2257, 69.0471,
81.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCAE3
RGB	255, 202, 227
RGB Percent	100%, 79%, 89%
CMY	0.0000, 0.2078, 0.1098
CMYK	0.00, 0.21, 0.11, 0.00
HSL	332°, 100%, 90%
HSV	332°, 21%, 100%
XYZ	76.2257, 69.0471, 81.9829
YIQ	220.6970, 23.5630, 19.0110

Conversions

Conversions Part 2

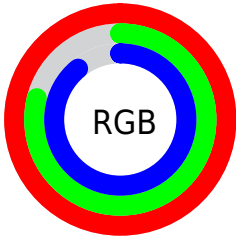
Format	Color
R_{YB}	255, 202, 227
Decimal	16763619
CIE _{Lab}	86.53, 22.61, -5.18
CIE _{LCh}	87, 23.198, 347.102
Yxy	69.0471, 0.3354, 0.3038
Android (android.graphics.Color)	4294953699 (0xFFFFCAE3)
YUV	220.6970, 3.1074, 30.0837
Hunter-Lab	83.0946, 18.3291, -0.3306

Details

The XYZ color **76.2257, 69.0471, 81.9829** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4023, 89.7908, 88.2763**, and the grayscale version is **68.4836, 72.0500, 78.4625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3250, 36.1641, 43.8320** is the 20% darker color. If you saturate the color by 10%, you get **68.9422, 57.3404, 70.7374**, and if you desaturate by 10%, it is **84.6463, 82.7948, 94.3273**.

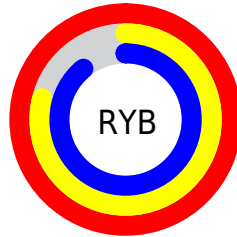
Distribution



Red (100%)

Green (79%)

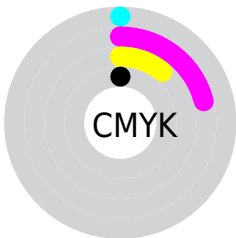
Blue (89%)



Red (100%)

Yellow (79%)

Blue (89%)

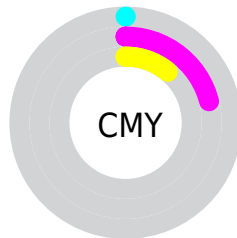


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (21%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2257, 69.0471, 81.9829 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 76.2257, 69.0471, 81.9829 by changing the saturation by 10% instead.


 76.2257, 69.0471,
81.9829

 76.2257, 69.0471,
81.9829


471.0525,
457.1971, 521.4724

 56.9153, 50.7501,
60.8157


127.0246,
117.8488, 137.9865

 41.1771, 36.0097,
43.6469

159.2437,
149.1224, 173.6600

 28.6458, 24.4417,
30.0578


196.4965,
185.4901, 215.0060

 18.9560, 15.6616,
19.6301

239.1483,
227.3366, 262.4430

 11.7423, 9.2850,
11.9450

287.5644,
275.0461, 316.3896

 6.6394, 4.9276,
6.5842

342.1103,

 3.2819, 2.2048,

329.0031, 377.2644

3.1290

403.1512,
389.5920, 445.4858

■ 1.3045, 0.7226,
1.1609

■ 0.1866, 0.0000,
0.0000

■ 76.2257, 69.0471,
81.9829

■ 76.2257, 69.0471,
81.9829

■ 68.9422, 57.3404,
70.7374

■ 84.6463, 82.7948,
94.3273

■ 62.7394, 47.5679,
60.5527

■ 94.2480, 98.6666,
107.7981

■ 57.5629, 39.6257,
51.3949

■ 95.0500, 100.0000,
108.9000

■ 53.3513, 33.3969,
43.2258

■ 50.0363, 28.7508,
36.0043

■ 47.5398, 25.5376,
29.6854

■ 45.7690, 23.5781,
24.2180

■ 44.6468, 22.6227,
19.8701

Harmonies

Analogous

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



73.4931, 69.0471, 97.1816



76.2257, 69.0471, 81.9829



76.0091, 69.0471, 66.8080

Triad

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



76.2257, 69.0471, 81.9829



62.6346, 69.0471, 50.2907



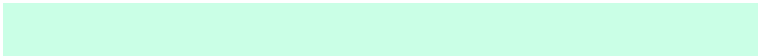
58.8406, 69.0471, 99.0148

Complementary

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



76.2257, 69.0471, 81.9829



74.4023, 89.7908, 88.2763

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.



56.2365, 69.0471, 84.2249



76.2257, 69.0471, 81.9829



58.3435, 69.0471, 56.7791

Square

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



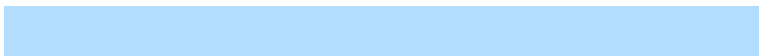
76.2257, 69.0471, 81.9829



67.9613, 69.0471, 49.8621



56.0597, 69.0471, 68.7653



63.3472, 69.0471, 107.8805

Rectangle

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



76.2257, 69.0471, 81.9829



74.2199, 69.0471, 58.7018



56.0597, 69.0471, 68.7653



57.7247, 69.0471, 94.4863

Sweetspot

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



76.2272, 69.0500, 81.9843



89.0874, 90.1139, 100.6264



71.6084, 66.1854, 103.6086



18.9351, 19.0679, 21.3508



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.



76.2272, 69.0500, 81.9843



73.0190, 63.8682, 77.1086



73.2311, 68.1841, 65.1819



18.3660, 18.1297, 20.5447



23.4030, 11.8505, 10.7727



2.3334, 1.1757, 1.3368

Inverse Universe

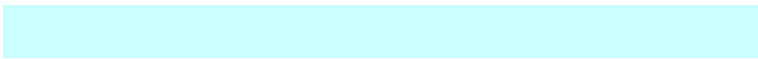
The Inverse Universe completely reimagines the original color for something new.



76.2272, 69.0500, 81.9843



73.0190, 63.8682, 77.1086



77.8876, 90.7351, 108.0163



18.3660, 18.1297, 20.5447



23.4030, 11.8505, 10.7727



2.3334, 1.1757, 1.3368

Previews

White Background



This preview shows how the XYZ color 76.2257, 69.0471, 81.9829 looks on a white background.

Color Contrast Check

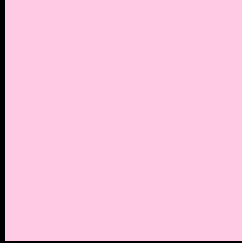
Large Text (above 18pt) WCAG AA × Fail

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 76.2257, 69.0471, 81.9829 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 76.2257, 69.0471, 81.9829

Background



This preview shows how black text looks on a background with the XYZ color 76.2257, 69.0471, 81.9829.



This preview shows how white text looks on a background with the XYZ color 76.2257, 69.0471,

81.9829.

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

76.2257, 69.0471, 81.9829

Protanopia

67.3202, 69.0461, 88.3763

Deuteranopia

70.5689, 69.0219, 80.8373



Tritanopia

75.0152, 68.8972, 76.3626

Trichromacy



Original Color

76.2257, 69.0471, 81.9829

Protanomaly

70.2452, 68.7424, 85.9102

Deuteranomaly

72.6582, 68.9939, 81.4392

Tritanomaly

75.4138, 69.0566, 78.4618

Monochromacy



Original Color

76.2257, 69.0471, 81.9829

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.9701, 70.7445, 79.7266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2257, 69.0471, 81.9829 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.2257, 69.0471, 81.9829 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, 227) }
```


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

```
.border{ border-color:rgb(255, 202, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2257, 69.0471, 81.9829 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
202, 227) }
```

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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