

Converting Colors

XYZ(76.5505, 69.7331, 81.9790)

Have a look what the booklet for
XYZ(76.5505, 69.7331, 81.9790)
contains.

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Color

**XYZ(76.4611, 69.5179,
82.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBE3
RGB	255, 203, 227
RGB Percent	100%, 80%, 89%
CMY	0.0000, 0.2039, 0.1098
CMYK	0.00, 0.20, 0.11, 0.00
HSL	332°, 100%, 90%
HSV	332°, 20%, 100%
XYZ	76.4611, 69.5179, 82.0614
YIQ	221.2840, 23.2880, 18.4880

Conversions

Conversions Part 2

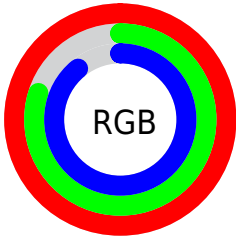
Format	Color
R_{YB}	255, 203, 227
Decimal	16763875
CIE _{Lab}	86.76, 22.09, -4.84
CIE _{LCh}	87, 22.612, 347.652
Yxy	69.5179, 0.3353, 0.3048
Android (android.graphics.Color)	4294953955 (0xFFFFCBE3)
YUV	221.2840, 2.8180, 29.5689
Hunter-Lab	83.3774, 17.7827, 0.0100

Details

The XYZ color **76.4611, 69.5179, 82.0614** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8147, 89.9871, 89.0308**, and the grayscale version is **68.8975, 72.4855, 78.9367**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4825, 36.4792, 43.8846** is the 20% darker color. If you saturate the color by 10%, you get **69.1068, 57.7223, 70.6296**, and if you desaturate by 10%, it is **84.9601, 83.3605, 94.6224**.

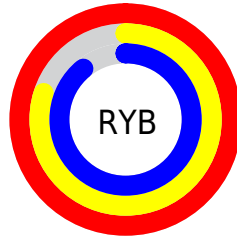
Distribution



Red (100%)

Green (80%)

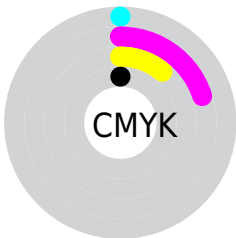
Blue (89%)



Red (100%)

Yellow (80%)

Blue (89%)

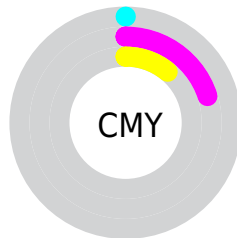


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4611, 69.5179, 82.0614 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 76.4611, 69.5179, 82.0614 by changing the saturation by 10% instead.


 76.4611, 69.5179,
82.0614

 76.4611, 69.5179,
82.0614

471.8448,
458.8554, 521.7419

 57.1091, 51.1336,
60.8800


127.3554,
118.5210, 138.0976

 41.3333, 36.3149,
43.6984

159.6283,
149.9086, 173.7894

 28.7684, 24.6775,
30.0980


196.9390,
186.3994, 215.1552

 19.0491, 15.8370,
19.6603

239.6526,
228.3778, 262.6135

 11.8100, 9.4089,
11.9668

288.1347,
276.2282, 316.5827

 6.6857, 5.0088,
6.5988

342.7505,

 3.3109, 2.2524,

330.3350, 377.4815

3.1379

403.8654,
391.0826, 445.7284

■ 1.3202, 0.7484,
1.1655

■ 0.1983, 0.0000,
0.0000

■ 76.4611, 69.5179,
82.0614

■ 76.4611, 69.5179,
82.0614

■ 69.1068, 57.7223,
70.6296

■ 84.9601, 83.3605,
94.6224

■ 62.8406, 47.8669,
60.2881

94.6476, 99.3329,
108.3413

■ 57.6081, 39.8484,
51.0017

95.0500, 100.0000,
108.9000

■ 53.3478, 33.5499,
42.7314

■ 49.9917, 28.8415,
35.4349

■ 47.4618, 25.5741,
29.0660

■ 45.6657, 23.5698,
23.5725

■ 44.4912, 22.5605,
19.0507

Harmonies

Analogous

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



73.8393, 69.5179, 96.9422



76.4611, 69.5179, 82.0614



76.1943, 69.5179, 67.2408

Triad

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



76.4611, 69.5179, 82.0614



63.0534, 69.5179, 51.2991



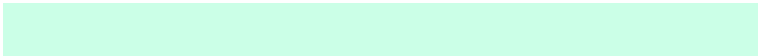
59.4897, 69.5179, 99.1960

Complementary

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



76.4611, 69.5179, 82.0614



74.8147, 89.9871, 89.0308

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.



56.8933, 69.5179, 84.8258



76.4611, 69.5179, 82.0614



58.8744, 69.5179, 57.8009

Square

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



76.4611, 69.5179, 82.0614



68.2624, 69.5179, 50.7654



56.6742, 69.5179, 69.6632



63.9342, 69.5179, 107.6801

Rectangle

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



76.4611, 69.5179, 82.0614



74.4147, 69.5179, 59.3340



56.6742, 69.5179, 69.6632



58.3823, 69.5179, 94.8127

Sweetspot

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



76.4626, 69.5208, 82.0628



89.0635, 90.1043, 100.5002



72.2772, 66.8797, 103.7074



18.9294, 19.0656, 21.3209



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.



76.4626, 69.5208, 82.0628



73.6780, 65.0309, 77.8071



73.7891, 69.1100, 65.9540



18.3581, 18.1266, 20.5030



23.3211, 11.8177, 10.3415



2.3251, 1.1724, 1.2936

Inverse Universe

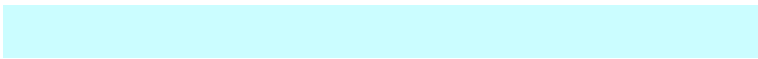
The Inverse Universe completely reimagines the original color for something new.



76.4626, 69.5208, 82.0628



73.6780, 65.0309, 77.8071



77.8898, 90.3365, 107.9392



18.3581, 18.1266, 20.5030



23.3211, 11.8177, 10.3415



2.3251, 1.1724, 1.2936

Previews

White Background



This preview shows how the XYZ color 76.4611, 69.5179, 82.0614 looks on a white background.

Color Contrast Check

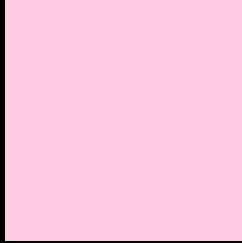
Large Text (above 18pt) WCAG AA × Fail

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 76.4611, 69.5179, 82.0614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

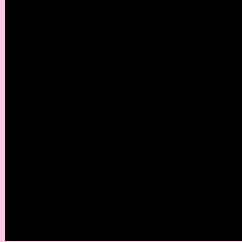
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4611, 69.5179, 82.0614

Background



This preview shows how black text looks on a background with the XYZ color 76.4611, 69.5179, 82.0614.



This preview shows how white text looks on a background with the XYZ color 76.4611, 69.5179,

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

76.4611, 69.5179, 82.0614

Protanopia

67.8702, 69.7088, 88.4753

Deuteranopia

71.2827, 69.7417, 81.6560



Tritanopia

75.3842, 69.4239, 77.1371

Trichromacy



Original Color

76.4611, 69.5179, 82.0614

Protanomaly

70.4929, 69.2377, 85.9928

Deuteranomaly

72.9013, 69.4800, 81.5202

Tritanomaly

75.7852, 69.5843, 79.2488

Monochromacy



Original Color

76.4611, 69.5179, 82.0614

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 76.4611, 69.5179, 82.0614 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, 203, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.4611, 69.5179, 82.0614 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, 203, 227) }
```


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

```
.border{ border-color:rgb(255, 203, 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, 203, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4611, 69.5179, 82.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 227) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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