

Converting Colors

XYZ(77.5270, 71.3011, 83.4916)

Have a look what the booklet for
XYZ(77.5270, 71.3011, 83.4916)
contains.

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Color

**XYZ(77.6957, 71.5428,
83.8429)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE5
RGB	255, 207, 229
RGB Percent	100%, 81%, 90%
CMY	0.0000, 0.1882, 0.1020
CMYK	0.00, 0.19, 0.10, 0.00
HSL	333°, 100%, 91%
HSV	333°, 19%, 100%
XYZ	77.6957, 71.5428, 83.8429
YIQ	223.8600, 21.5460, 17.0180

Conversions

Conversions Part 2

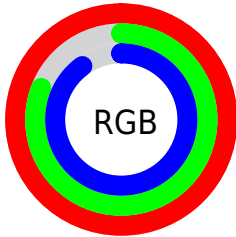
Format	Color
R _Y B	255, 207, 229
Decimal	16764901
CIE Lab	87.75, 20.32, -4.44
CIE LCh	88, 20.798, 347.675
Yxy	71.5428, 0.3333, 0.3069
Android (android.graphics.Color)	4294954981 (0xFFFFCFE5)
YUV	223.8600, 2.5340, 27.3098
Hunter-Lab	84.5830, 15.9452, 0.4369

Details

The XYZ color **77.6957, 71.5428, 83.8429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.2024, 90.6697, 90.5789**, and the grayscale version is **70.7248, 74.4080, 81.0303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1569, 37.5182, 45.0642** is the 20% darker color. If you saturate the color by 10%, you get **70.1569, 59.4299, 72.1901**, and if you desaturate by 10%, it is **86.3890, 85.7184, 96.6396**.

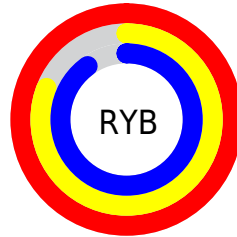
Distribution



Red (100%)

Green (81%)

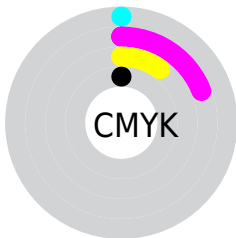
Blue (90%)



Red (100%)

Yellow (81%)

Blue (90%)

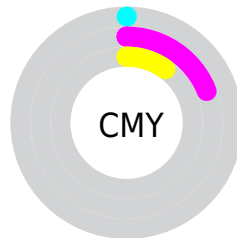


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.6957, 71.5428, 83.8429 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 77.6957, 71.5428, 83.8429 by changing the saturation by 10% instead.


 77.6957, 71.5428,
83.8429

 77.6957, 71.5428,
83.8429

475.9884,
465.9487, 527.8358

 58.1260, 52.7853,
62.3411


129.0887,
121.4063, 140.6152

 42.1536, 37.6314,
44.8708


161.6427,
153.2810, 176.7227

 29.4132, 25.6967,
31.0135


199.2554,
190.2970, 218.5359

 19.5395, 16.5969,
20.3506

242.2923,
232.8386, 266.4733

 12.1670, 9.9475,
12.4635

291.1187,
281.2901, 320.9535

 6.9306, 5.3642,
6.9338

346.1000,

 3.4646, 2.4625,

336.0361, 382.3949

3.3429

407.6014,
397.4608, 451.2162

■ 1.4040, 0.8578,
1.2723

■ 0.2591, 0.0000,
0.0389

■ 77.6957, 71.5428,
83.8429

■ 77.6957, 71.5428,
83.8429

■ 70.1569, 59.4299,
72.1901

■ 86.3890, 85.7184,
96.6396

■ 63.7162, 49.2736,
61.6421

95.0500, 100.0000,
108.9000

■ 58.3199, 40.9721,
52.1638

■ 53.9076, 34.4105,
43.7161

■ 50.4120, 29.4610,
36.2570

■ 47.7571, 25.9780,
29.7405

■ 45.8533, 23.7891,
24.1151

■ 44.5721, 22.6450,
19.3154

■ 44.4430, 22.5412,
18.7966

Harmonies

Analogous

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



75.2578, 71.5428, 97.6632



77.6957, 71.5428, 83.8429



77.4454, 71.5428, 69.9358

Triad

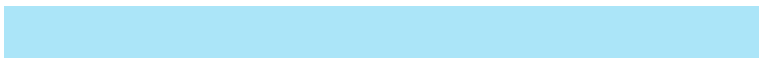
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.6957, 71.5428, 83.8429



65.1591, 71.5428, 54.7711



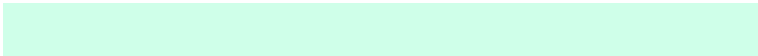
61.8090, 71.5428, 99.7634

Complementary

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



77.6957, 71.5428, 83.8429



76.2024, 90.6697, 90.5789

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.



59.3543, 71.5428, 86.4425



77.6957, 71.5428, 83.8429



61.2232, 71.5428, 60.9974

Square

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



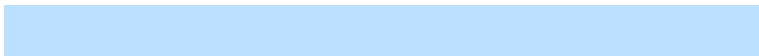
77.6957, 71.5428, 83.8429



70.0446, 71.5428, 54.2537



59.1452, 71.5428, 72.2409



65.9942, 71.5428, 107.5728

Rectangle

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



77.6957, 71.5428, 83.8429



75.7884, 71.5428, 62.4432



59.1452, 71.5428, 72.2409



60.7630, 71.5428, 95.7129

Sweetspot

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



77.6973, 71.5458, 83.8444



89.0559, 90.1013, 100.4603



73.8390, 69.1054, 104.0547



18.9276, 19.0649, 21.3115



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.



77.6973, 71.5458, 83.8444



74.4092, 66.2380, 78.8374



75.2071, 71.1730, 68.8092



18.3556, 18.1256, 20.4898



23.2957, 11.8076, 10.2077



2.3226, 1.1714, 1.2802

Inverse Universe

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



77.6973, 71.5458, 83.8444



74.4092, 66.2380, 78.8374



79.0356, 90.9898, 108.0049



18.3556, 18.1256, 20.4898



23.2957, 11.8076, 10.2077



2.3226, 1.1714, 1.2802

Previews

White Background



This preview shows how the XYZ color 77.6957, 71.5428, 83.8429 looks on a white background.

Color Contrast Check

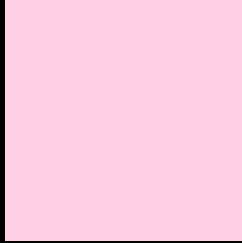
Large Text (above 18pt) WCAG AA × Fail

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 77.6957, 71.5428, 83.8429 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 77.6957, 71.5428, 83.8429

Background



This preview shows how black text looks on a background with the XYZ color 77.6957, 71.5428, 83.8429.



This preview shows how white text looks on a background with the XYZ color 77.6957, 71.5428,

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

77.6957, 71.5428, 83.8429

Protanopia

69.9870, 71.9348, 89.5530

Deuteranopia

73.3101, 71.8717, 83.4076



Tritanopia

76.8835, 71.5644, 80.2821

Trichromacy



Original Color

77.6957, 71.5428, 83.8429

Protanomaly

72.6127, 71.8077, 87.1240

Deuteranomaly

74.6061, 71.4231, 83.2527

Tritanomaly

77.1564, 71.6736, 81.7193

Monochromacy



Original Color

77.6957, 71.5428, 83.8429

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.0598, 73.2960, 82.2484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6957, 71.5428, 83.8429 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, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 229) }
```

Border

The CSS property to change the border of an element to XYZ 77.6957, 71.5428, 83.8429 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, 207, 229) }
```


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

```
.border{ border-color:rgb(255, 207, 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, 207, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6957, 71.5428, 83.8429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 229) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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