

Converting Colors

XYZ(86.7563, 74.7565, 79.3399)

Have a look what the booklet for
XYZ(86.7563, 74.7565, 79.3399)
contains.

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Color

**XYZ(75.9152, 69.2996,
79.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCBDF
RGB	255, 203, 223
RGB Percent	100%, 80%, 87%
CMY	0.0000, 0.2039, 0.1255
CMYK	0.00, 0.20, 0.13, 0.00
HSL	337°, 100%, 90%
HSV	337°, 20%, 100%
XYZ	75.9152, 69.2996, 79.1870
YIQ	220.8280, 24.5720, 17.2440

Conversions

Conversions Part 2

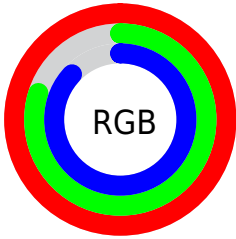
Format	Color
R _Y B	255, 203, 223
Decimal	16763871
CIE Lab	86.65, 21.44, -2.87
CIE LCh	87, 21.635, 352.375
Yxy	69.2996, 0.3383, 0.3088
Android (android.graphics.Color)	4294953951 (0xFFFFCBDF)
YUV	220.8280, 1.0708, 29.9688
Hunter-Lab	83.2464, 17.0990, 1.8737

Details

The XYZ color **75.9152, 69.2996, 79.1870** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3864, 90.2158, 92.0410**, and the grayscale version is **68.5887, 72.1607, 78.5830**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1040, 36.3278, 41.8913** is the 20% darker color. If you saturate the color by 10%, you get **68.3625, 57.4247, 66.7099**, and if you desaturate by 10%, it is **84.6578, 83.2397, 93.0301**.

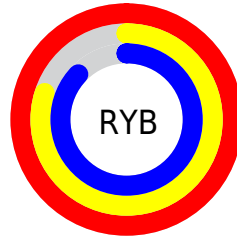
Distribution



Red (100%)

Green (80%)

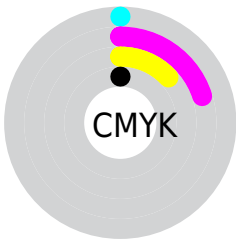
Blue (87%)



Red (100%)

Yellow (80%)

Blue (87%)

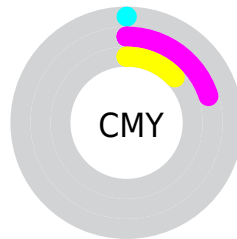


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9152, 69.2996, 79.1870 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 75.9152, 69.2996, 79.1870 by changing the saturation by 10% instead.

75.9152, 69.2996,
79.1870

75.9152, 69.2996,
79.1870

470.0062,
458.0869, 511.8231

56.6598, 50.9557,
58.5273

126.5880,
118.2094, 134.0231

40.9712, 36.1734,
41.8152

158.7361,
149.5441, 169.0367

28.4842, 24.5681,
28.6322

195.9126,
185.9779, 209.6720

18.8333, 15.7556,
18.5596

238.4826,
227.8952, 256.3475

11.6532, 9.3514,
11.1789

286.8116,
275.6803, 309.4819

6.5785, 4.9711,
6.0716

341.2650,

3.2439, 2.2303,

329.7178, 369.4935

2.8192

402.2081,
390.3918, 436.8011

■ 1.2840, 0.7364,
1.0031

■ 0.1712, 0.0000,
0.0000

■ 75.9152, 69.2996,
79.1870

■ 75.9152, 69.2996,
79.1870

■ 68.3625, 57.4247,
66.7099

■ 84.6578, 83.2397,
93.0301

■ 61.9410, 47.5071,
55.5505

94.6354, 99.3282,
108.2767

■ 56.5944, 39.4429,
45.6636

95.0500, 100.0000,
108.9000

■ 52.2593, 33.1146,
36.9994

■ 48.8655, 28.3911,
29.5045

■ 46.3327, 25.1225,
23.1204

■ 44.5661, 23.1299,
17.7818

■ 43.4477, 22.1431,
13.5554

Harmonies

Analogous

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



73.8198, 69.2996, 93.6403



75.9152, 69.2996, 79.1870



75.2117, 69.2996, 65.4047

Triad

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



75.9152, 69.2996, 79.1870



62.2573, 69.2996, 52.6513



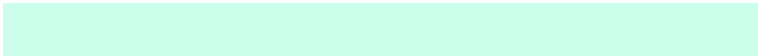
60.1430, 69.2996, 99.5617

Complementary

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



75.9152, 69.2996, 79.1870



75.3864, 90.2158, 92.0410

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.



57.3306, 69.2996, 86.4865



75.9152, 69.2996, 79.1870



58.5073, 69.2996, 59.7920

Square

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



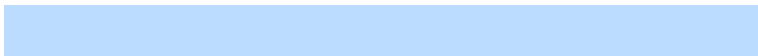
75.9152, 69.2996, 79.1870



67.1576, 69.2996, 51.2181



56.7474, 69.2996, 71.8431



64.5935, 69.2996, 106.3387

Rectangle

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



75.9152, 69.2996, 79.1870



73.2658, 69.2996, 58.3002



56.7474, 69.2996, 71.8431



58.9842, 69.2996, 95.6837

Sweetspot

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



75.9168, 69.3025, 79.1884



88.8826, 90.0320, 99.5476



73.4056, 67.4615, 103.7602



18.8867, 19.0485, 21.0960



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.



75.9168, 69.3025, 79.1884



73.0554, 64.7818, 74.5284



74.6262, 70.7841, 66.2332



18.2985, 18.1027, 20.1889



22.7697, 11.5972, 7.4375



2.2684, 1.1497, 0.9949

Inverse Universe

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



75.9168, 69.3025, 79.1884



73.0554, 64.7818, 74.5284



76.8039, 88.1647, 107.5772



18.2985, 18.1027, 20.1889



22.7697, 11.5972, 7.4375



2.2684, 1.1497, 0.9949

Previews

White Background



This preview shows how the XYZ color 75.9152, 69.2996, 79.1870 looks on a white background.

Color Contrast Check

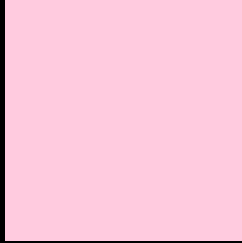
Large Text (above 18pt) WCAG AA × Fail

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 75.9152, 69.2996, 79.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

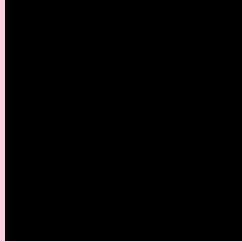
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9152, 69.2996, 79.1870

Background



This preview shows how black text looks on a background with the XYZ color 75.9152, 69.2996, 79.1870.



This preview shows how white text looks on a background with the XYZ color 75.9152, 69.2996,

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

75.9152, 69.2996, 79.1870

Protanopia

67.5949, 69.6330, 85.4792

Deuteranopia

70.8235, 69.2000, 78.7314



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

75.9152, 69.2996, 79.1870

Protanomaly

70.2529, 69.1789, 83.0489

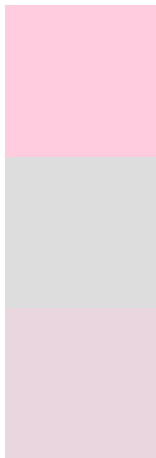
Deuteranomaly

72.4598, 68.9543, 78.5977

Tritanomaly

75.7511, 69.6130, 77.1543

Monochromacy



Original Color

75.9152, 69.2996, 79.1870

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.8357, 70.6907, 79.0185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9152, 69.2996, 79.1870 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 223)  
}
```

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, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 223) }
```

Border

The CSS property to change the border of an element to XYZ 75.9152, 69.2996, 79.1870 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, 223) }
```


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

```
.border{ border-color:rgb(255, 203, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 203, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 203, 223); box-shadow:4px 4px 4px 4px rgb(255, 203, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9152, 69.2996, 79.1870 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, 223) }
```

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

```
.background{ background-color: rgb(255,  
203, 223) }
```

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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