

Converting Colors

XYZ(122.8052, 94.7474,
80.9425)

Have a look what the booklet for
XYZ(122.8052, 94.7474, 80.9425)
contains.

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Color

**XYZ(76.7376, 71.1596,
78.7979)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFDE
RGB	255, 207, 222
RGB Percent	100%, 81%, 87%
CMY	0.0000, 0.1882, 0.1294
CMYK	0.00, 0.19, 0.13, 0.00
HSL	341°, 100%, 91%
HSV	341°, 19%, 100%
XYZ	76.7376, 71.1596, 78.7979
YIQ	223.0620, 23.7930, 14.8410

Conversions

Conversions Part 2

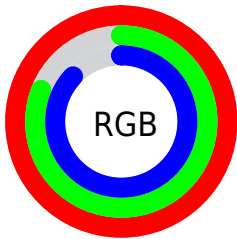
Format	Color
R _Y B	255, 207, 222
Decimal	16764894
CIE Lab	87.56, 19.19, -1.01
CIE LCh	88, 19.215, 356.998
Yxy	71.1596, 0.3385, 0.3139
Android (android.graphics.Color)	4294954974 (0xFFFFCFDE)
YUV	223.0620, -0.5236, 28.0096
Hunter-Lab	84.3561, 14.7557, 3.6659

Details

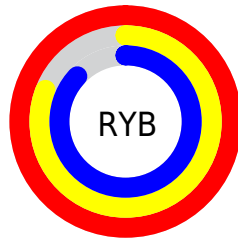
The XYZ color **76.7376, 71.1596, 78.7979** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2227, 91.0778, 95.9515**, and the grayscale version is **70.1766, 73.8312, 80.4022**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4920, 37.2523, 41.5628** is the 20% darker color. If you saturate the color by 10%, you get **68.8224, 58.8961, 65.1626**, and if you desaturate by 10%, it is **85.8984, 85.5222, 94.0558**.

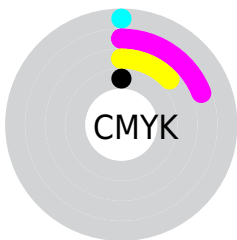
Distribution



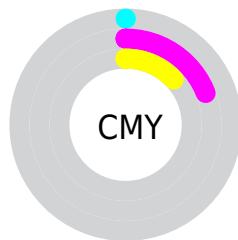
- Red (100%)
- Green (81%)
- Blue (87%)



- Red (100%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7376, 71.1596, 78.7979 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 76.7376, 71.1596, 78.7979 by changing the saturation by 10% instead.


 76.7376, 71.1596,
78.7979

 76.7376, 71.1596,
78.7979


472.7746,
464.6112, 510.4719

 57.3367, 52.4725,
58.2093


127.7438,
120.8609, 133.4704

 41.5168, 37.3818,
41.5611

160.0799,
152.6439, 168.3914

 28.9126, 25.5032,
28.4348


197.4583,
189.5610, 208.9269

 19.1587, 16.4524,
18.4118

240.2446,
231.9965, 255.4956

 11.8897, 9.8448,
11.0735

288.8040,
280.3349, 308.5159

 6.7403, 5.2962,
6.0015

343.5019,

 3.3451, 2.4221,

334.9605, 368.4063

2.7772

404.7036,
396.2578, 435.5855

■ 1.3388, 0.8372,
0.9820

■ 0.2120, 0.0000,
0.0000

■ 76.7376, 71.1596,
78.7979

■ 76.7376, 71.1596,
78.7979

■ 68.8224, 58.8961,
65.1626

■ 85.8984, 85.5222,
94.0558

■ 62.0923, 48.6241,
53.0905

95.0500, 100.0000,
108.9000

■ 56.4895, 40.2400,
42.5246

■ 51.9491, 33.6272,
33.4028

■ 48.3993, 28.6559,
25.6581

■ 45.7589, 25.1787,
19.2177

■ 43.9325, 23.0208,
14.0006

■ 42.7857, 21.9305,
9.9087

■ 42.6759, 21.8344,
9.4913

Harmonies

Analogous

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



75.2277, 71.1596, 91.9191



76.7376, 71.1596, 78.7979



75.7197, 71.1596, 66.6709

Triad

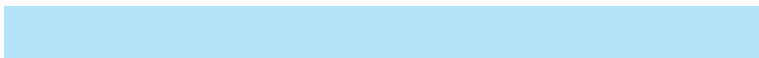
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7376, 71.1596, 78.7979



63.7470, 71.1596, 57.2615



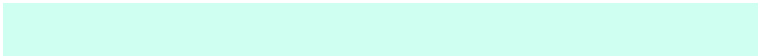
62.9885, 71.1596, 100.4092

Complementary

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



76.7376, 71.1596, 78.7979



77.2227, 91.0778, 95.9515

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.



60.1474, 71.1596, 89.4001



76.7376, 71.1596, 78.7979



60.5713, 71.1596, 64.6395

Square

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



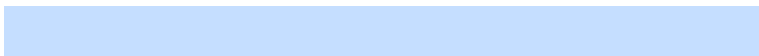
76.7376, 71.1596, 78.7979



68.0934, 71.1596, 55.0892



59.2824, 71.1596, 76.1783



67.1788, 71.1596, 105.2412

Rectangle

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



76.7376, 71.1596, 78.7979



73.7685, 71.1596, 60.5890



59.2824, 71.1596, 76.1783



61.8514, 71.1596, 97.2519

Sweetspot

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



76.7393, 71.1626, 78.7994



88.7140, 89.9646, 98.6600



76.2323, 70.3393, 104.1667



18.8469, 19.0326, 20.8866



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.



76.7393, 71.1626, 78.7994



73.2829, 65.7875, 72.9068



77.0092, 74.7772, 69.4101



18.2431, 18.0806, 19.8974



22.3579, 11.4325, 5.2693



2.2237, 1.1318, 0.7593

Inverse Universe

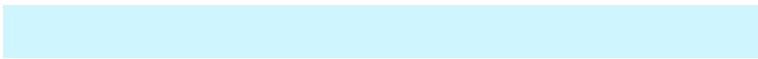
The Inverse Universe completely reimagines the original color for something new.



76.7393, 71.1626, 78.7994



73.2829, 65.7875, 72.9068



76.8008, 86.5203, 107.2600



18.2431, 18.0806, 19.8974



22.3579, 11.4325, 5.2693



2.2237, 1.1318, 0.7593

Previews

White Background



This preview shows how the XYZ color 76.7376, 71.1596, 78.7979 looks on a white background.

Color Contrast Check

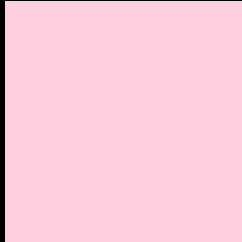
Large Text (above 18pt) WCAG AA × Fail

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 76.7376, 71.1596, 78.7979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

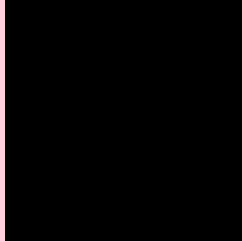
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7376, 71.1596, 78.7979

Background



This preview shows how black text looks on a background with the XYZ color 76.7376, 71.1596, 78.7979.



This preview shows how white text looks on a background with the XYZ color 76.7376, 71.1596,

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

76.7376, 71.1596, 78.7979

Protanopia

69.0331, 71.1721, 84.2279

Deuteranopia

72.7806, 71.3342, 78.3395



Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



Original Color

76.7376, 71.1596, 78.7979

Protanomaly

71.3783, 70.9078, 81.8760

Deuteranomaly

74.0016, 71.2215, 78.2534

Tritanomaly

76.8721, 71.2134, 79.5060

Monochromacy



Original Color

76.7376, 71.1596, 78.7979

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.3931, 72.6156, 80.0127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7376, 71.1596, 78.7979 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, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 222) }
```

Border

The CSS property to change the border of an element to XYZ 76.7376, 71.1596, 78.7979 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, 222) }
```


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

```
.border{ border-color:rgb(255, 207, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7376, 71.1596, 78.7979 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
207, 222) }
```

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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