

Converting Colors

XYZ(76.8572, 72.0269, 76.9010)

Have a look what the booklet for
XYZ(76.8572, 72.0269, 76.9010)
contains.

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Color

**XYZ(76.8266, 71.9754,
76.8613)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1DB
RGB	255, 209, 219
RGB Percent	100%, 82%, 86%
CMY	0.0000, 0.1804, 0.1412
CMYK	0.00, 0.18, 0.14, 0.00
HSL	347°, 100%, 91%
HSV	347°, 18%, 100%
XYZ	76.8266, 71.9754, 76.8613
YIQ	223.8940, 24.2060, 12.8620

Conversions

Conversions Part 2

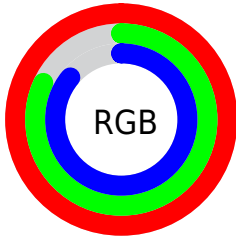
Format	Color
R _Y B	255, 209, 219
Decimal	16765403
CIE Lab	87.96, 17.67, 1.16
CIE LCh	88, 17.707, 3.746
Yxy	71.9754, 0.3404, 0.3190
Android (android.graphics.Color)	4294955483 (0xFFFFD1DB)
YUV	223.8940, -2.4127, 27.2800
Hunter-Lab	84.8383, 13.1763, 5.6716

Details

The XYZ color **76.8266, 71.9754, 76.8613** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5384, 91.6691, 99.9444**, and the grayscale version is **70.7820, 74.4681, 81.0958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5451, 37.7973, 40.2279** is the 20% darker color. If you saturate the color by 10%, you get **68.5919, 59.4617, 61.9211**, and if you desaturate by 10%, it is **86.3812, 86.6239, 93.7976**.

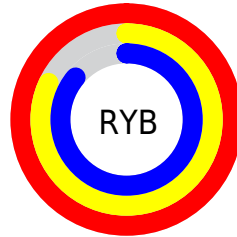
Distribution



Red (100%)

Green (82%)

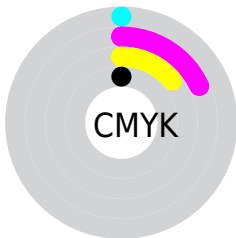
Blue (86%)



Red (100%)

Yellow (82%)

Blue (86%)

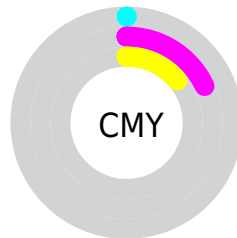


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8266, 71.9754, 76.8613 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 76.8266, 71.9754, 76.8613 by changing the saturation by 10% instead.


 76.8266, 71.9754,
76.8613

 76.8266, 71.9754,
76.8613


473.0736,
467.4560, 503.7161

 57.4100, 53.1386,
56.6282


127.8688,
122.0216, 130.7149

 41.5759, 37.9134,
40.2994


160.2252,
153.9997, 165.1724

 28.9590, 25.9155,
27.4565

197.6254,
191.1270, 205.2085

 19.1940, 16.7604,
17.6809

240.4350,
233.7880, 251.2417

 11.9153, 10.0638,
10.5541

289.0193,
282.3670, 303.6905

 6.7578, 5.4413,
5.6575

343.7436,

 3.3561, 2.5084,

337.2484, 362.9735

2.5725

404.9732,
398.8166, 429.5092

■ 1.3448, 0.8809,
0.8782

■ 0.2163, 0.0000,
0.0000

■ 76.8266, 71.9754,
76.8613

■ 76.8266, 71.9754,
76.8613

■ 68.5919, 59.4617,
61.9211

■ 86.3812, 86.6239,
93.7976

■ 61.6132, 48.9739,
48.8983

95.0500, 100.0000,
108.9000

■ 55.8291, 40.4077,
37.7154

■ 51.1708, 33.6457,
28.2878

■ 47.5626, 28.5573,
20.5241

■ 44.9186, 24.9946,
14.3244

■ 43.1392, 22.7832,
9.5771

■ 42.0925, 21.6879,
6.1510

■ 41.9396, 21.5398,
5.6141

Harmonies

Analogous

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



75.9448, 71.9754, 89.0990



76.8266, 71.9754, 76.8613



75.3781, 71.9754, 66.1614

Triad

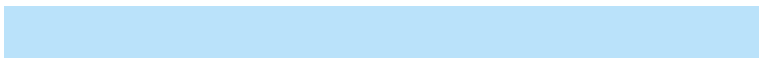
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8266, 71.9754, 76.8613



64.0034, 71.9754, 60.5987



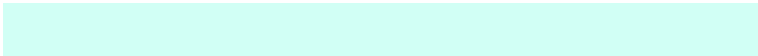
64.8853, 71.9754, 101.0999

Complementary

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



76.8266, 71.9754, 76.8613



78.5384, 91.6691, 99.9444

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.



61.8860, 71.9754, 91.9928



76.8266, 71.9754, 76.8613



61.3917, 71.9754, 68.5370

Square

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



76.8266, 71.9754, 76.8613



67.8820, 71.9754, 57.4015



60.6326, 71.9754, 79.8962



68.9417, 71.9754, 103.9062

Rectangle

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



76.8266, 71.9754, 76.8613



73.3195, 71.9754, 61.0913



60.6326, 71.9754, 79.8962



63.7256, 71.9754, 98.6310

Sweetspot

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



76.8284, 71.9785, 76.8628



89.5512, 91.5070, 99.3456



78.2533, 72.1050, 104.4010



19.0082, 19.3405, 20.9856



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

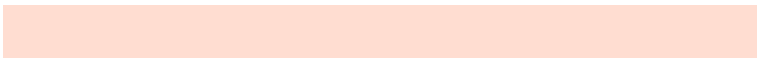
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8284, 71.9785, 76.8628



73.4098, 66.7686, 70.7067



78.6775, 77.7200, 71.1803



18.1709, 18.0517, 19.5172



21.9589, 11.2729, 3.1681



2.1764, 1.1129, 0.5104

Inverse Universe

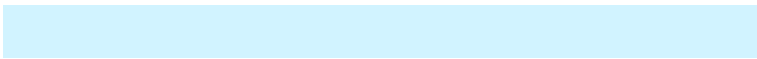
The Inverse Universe completely reimagines the original color for something new.



76.8284, 71.9785, 76.8628



73.4098, 66.7686, 70.7067



76.3176, 84.7189, 106.9378



18.1709, 18.0517, 19.5172



21.9589, 11.2729, 3.1681



2.1764, 1.1129, 0.5104

Previews

White Background



This preview shows how the XYZ color 76.8266, 71.9754, 76.8613 looks on a white background.

Color Contrast Check

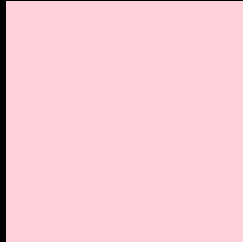
Large Text (above 18pt) WCAG AA × Fail

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 76.8266, 71.9754, 76.8613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

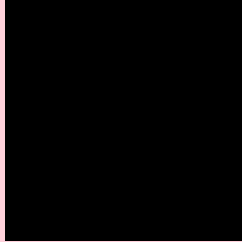
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8266, 71.9754, 76.8613

Background



This preview shows how black text looks on a background with the XYZ color 76.8266, 71.9754, 76.8613.



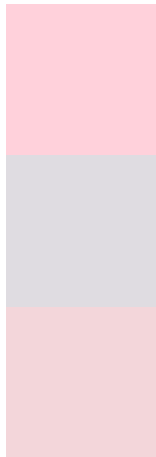
This preview shows how white text looks on a background with the XYZ color 76.8266, 71.9754,

76.8613.

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

76.8266, 71.9754, 76.8613

Protanopia

69.6152, 72.3106, 81.5224

Deuteranopia

73.6636, 72.2098, 76.3851



Tritanopia

77.2504, 71.7536, 80.2993

Trichromacy



Original Color

76.8266, 71.9754, 76.8613

Protanomaly

72.1361, 72.1016, 79.9271

Deuteranomaly

74.5561, 71.9231, 76.2827

Tritanomaly

76.9807, 71.6457, 78.8789

Monochromacy



Original Color

76.8266, 71.9754, 76.8613

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.7773, 73.5991, 79.4775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8266, 71.9754, 76.8613 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, 209, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 219)  
}
```

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, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 219) }
```

Border

The CSS property to change the border of an element to XYZ 76.8266, 71.9754, 76.8613 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, 209, 219) }
```


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

```
.border{ border-color:rgb(255, 209, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 209, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8266, 71.9754, 76.8613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 219) }
```

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

```
.background{ background-color: rgb(255,  
209, 219) }
```

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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