

Converting Colors

XYZ(100.8743, 82.9754,
77.4598)

Have a look what the booklet for
XYZ(100.8743, 82.9754, 77.4598)
contains.

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Color

**XYZ(75.8575, 70.0371,
76.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDDDB
RGB	255, 205, 219
RGB Percent	100%, 80%, 86%
CMY	0.0000, 0.1961, 0.1412
CMYK	0.00, 0.20, 0.14, 0.00
HSL	343°, 100%, 90%
HSV	343°, 20%, 100%
XYZ	75.8575, 70.0371, 76.5382
YIQ	221.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

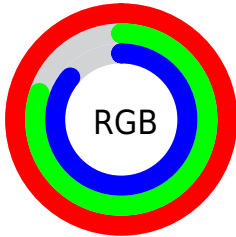
Format	Color
R _Y B	255, 205, 219
Decimal	16764379
CIE Lab	87.02, 19.76, -0.22
CIE LCh	87, 19.763, 359.371
Yxy	70.0371, 0.3410, 0.3149
Android (android.graphics.Color)	4294954459 (0xFFFFCDDDB)
YUV	221.5460, -1.2552, 29.3392
Hunter-Lab	83.6882, 15.3435, 4.3572

Details

The XYZ color **75.8575, 70.0371, 76.5382** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8164, 90.8511, 96.7101**, and the grayscale version is **69.1086, 72.7076, 79.1786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0562, 36.8193, 40.0649** is the 20% darker color. If you saturate the color by 10%, you get **67.9620, 57.9035, 62.6310**, and if you desaturate by 10%, it is **85.0170, 84.2714, 92.1841**.

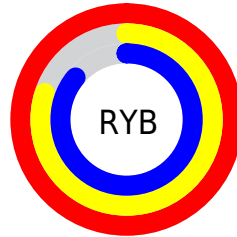
Distribution



Red (100%)

Green (80%)

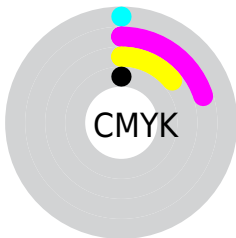
Blue (86%)



Red (100%)

Yellow (80%)

Blue (86%)

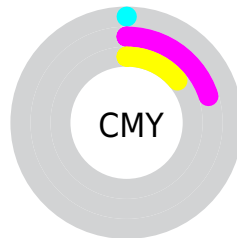


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8575, 70.0371, 76.5382 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 75.8575, 70.0371, 76.5382 by changing the saturation by 10% instead.


 75.8575, 70.0371,
76.5382

 75.8575, 70.0371,
76.5382


469.8116,
460.6803, 502.5839

 56.6123, 51.5568,
56.3646


126.5069,
119.2617, 130.2544

 40.9330, 36.6519,
40.0894

158.6418,
150.7747, 164.6342

 28.4542, 24.9381,
27.2939


195.8040,
187.4007, 204.5865

 18.8105, 16.0309,
17.5597

238.3588,
229.5242, 250.5297

 11.6366, 9.5461,
10.4682

286.6716,
277.5295, 302.8826

 6.5672, 5.0990,
5.6008

341.1078,

 3.2368, 2.3055,

331.8010, 362.0635

2.5391

402.0327,
392.7231, 428.4911

■ 1.2802, 0.7766,
0.8608

■ 0.1683, 0.0000,
0.0000

■ 75.8575, 70.0371,
76.5382

■ 75.8575, 70.0371,
76.5382

■ 67.9620, 57.9035,
62.6310

■ 85.0170, 84.2714,
92.1841

■ 61.2689, 47.7621,
50.3967

95.0500, 100.0000,
108.9000

■ 55.7187, 39.5080,
39.7717

■ 51.2446, 33.0232,
30.6863

■ 47.7728, 28.1762,
23.0656

■ 45.2196, 24.8170,
16.8275

■ 43.4863, 22.7676,
11.8808

■ 42.4242, 21.7511,
8.1120

■ 42.3897, 21.7199,
7.9844

Harmonies

Analogous

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



74.5132, 70.0371, 89.9767



75.8575, 70.0371, 76.5382



74.6184, 70.0371, 64.4423

Triad

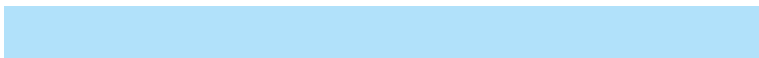
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8575, 70.0371, 76.5382



62.3032, 70.0371, 56.1563



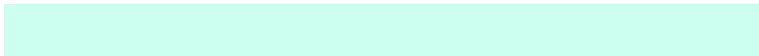
62.1416, 70.0371, 100.3271

Complementary

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



75.8575, 70.0371, 76.5382



76.8164, 90.8511, 96.7101

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.



59.1188, 70.0371, 89.4375



75.8575, 70.0371, 76.5382



59.2090, 70.0371, 64.0107

Square

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



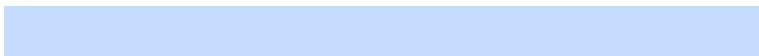
75.8575, 70.0371, 76.5382



66.6658, 70.0371, 53.5313



58.0699, 70.0371, 75.9795



66.4707, 70.0371, 104.6500

Rectangle

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



75.8575, 70.0371, 76.5382



72.5253, 70.0371, 58.5245



58.0699, 70.0371, 75.9795



60.9465, 70.0371, 97.2555

Sweetspot

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



75.8591, 70.0401, 76.5397



88.6384, 89.9343, 98.2618



76.1021, 69.5573, 104.0226



18.8291, 19.0255, 20.7927



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.



75.8591, 70.0401, 76.5397



72.2367, 64.4544, 70.2172



76.7746, 74.6969, 68.1329



18.2183, 18.0706, 19.7669



22.2039, 11.3708, 4.4580



2.2061, 1.1248, 0.6665

Inverse Universe

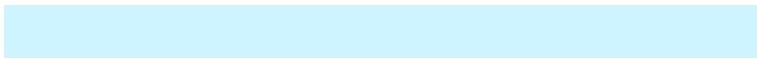
The Inverse Universe completely reimagines the original color for something new.



75.8591, 70.0401, 76.5397



72.2367, 64.4544, 70.2172



75.6298, 85.0025, 107.0288



18.2183, 18.0706, 19.7669



22.2039, 11.3708, 4.4580



2.2061, 1.1248, 0.6665

Previews

White Background



This preview shows how the XYZ color 75.8575, 70.0371, 76.5382 looks on a white background.

Color Contrast Check

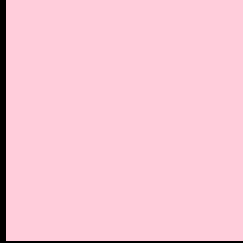
Large Text (above 18pt) WCAG AA × Fail

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 75.8575, 70.0371, 76.5382 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 75.8575, 70.0371, 76.5382

Background



This preview shows how black text looks on a background with the XYZ color 75.8575, 70.0371, 76.5382.



This preview shows how white text looks on a background with the XYZ color 75.8575, 70.0371,

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

75.8575, 70.0371, 76.5382

Protanopia

68.0555, 70.3323, 81.9401

Deuteranopia

71.5458, 70.0012, 76.0704



Tritanopia

76.1225, 70.1431, 77.9335

Trichromacy



Original Color

75.8575, 70.0371, 76.5382

Protanomaly

70.7178, 70.2399, 79.6425

Deuteranomaly

73.1115, 70.0754, 76.0022

Tritanomaly

75.9896, 70.0900, 77.2338

Monochromacy



Original Color

75.8575, 70.0371, 76.5382

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.5387, 71.8246, 78.4997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8575, 70.0371, 76.5382 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, 205, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 219) }
```

Border

The CSS property to change the border of an element to XYZ 75.8575, 70.0371, 76.5382 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, 205, 219) }
```


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

```
.border{ border-color:rgb(255, 205, 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, 205, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8575, 70.0371, 76.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 219) }
```

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

```
.background{ background-color: rgb(255,  
205, 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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