

Converting Colors

XYZ(98.9357, 82.0324, 73.4951)

Have a look what the booklet for
XYZ(98.9357, 82.0324, 73.4951)
contains.

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Color

**XYZ(75.0816, 69.7267,
72.4522)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDD5
RGB	255, 205, 213
RGB Percent	100%, 80%, 84%
CMY	0.0000, 0.1961, 0.1647
CMYK	0.00, 0.20, 0.16, 0.00
HSL	350°, 100%, 90%
HSV	350°, 20%, 100%
XYZ	75.0816, 69.7267, 72.4522
YIQ	220.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

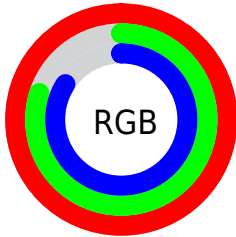
Format	Color
R_{YB}	255, 205, 213
Decimal	16764373
CIE _{Lab}	86.86, 18.83, 2.74
CIE _{LCh}	87, 19.031, 8.287
Yxy	69.7267, 0.3456, 0.3209
Android (android.graphics.Color)	4294954453 (0xFFFFCDD5)
YUV	220.8620, -3.8760, 29.9390
Hunter-Lab	83.5025, 14.3695, 7.0079

Details

The XYZ color **75.0816, 69.7267, 72.4522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7277, 91.2157, 101.5090**, and the grayscale version is **68.6448, 72.2197, 78.6472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5269, 36.6076, 37.2777** is the 20% darker color. If you saturate the color by 10%, you get **66.9296, 57.4906, 57.1946**, and if you desaturate by 10%, it is **84.5900, 84.1005, 89.9358**.

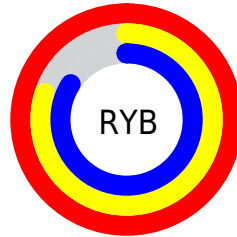
Distribution



Red (100%)

Green (80%)

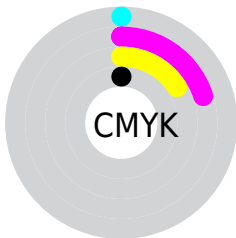
Blue (84%)



Red (100%)

Yellow (80%)

Blue (84%)

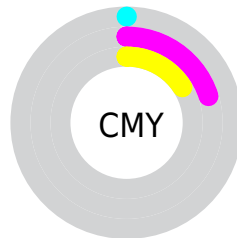


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0816, 69.7267, 72.4522 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 75.0816, 69.7267, 72.4522 by changing the saturation by 10% instead.


 75.0816, 69.7267,
72.4522

 75.0816, 69.7267,
72.4522


467.1908,
459.5898, 488.1338

 55.9742, 51.3038,
53.0391


125.4152,
118.8189, 124.4129

 40.4191, 36.4504,
37.4460


157.3720,
150.2570, 157.7976

 28.0511, 24.7823,
25.2545


194.3426,
186.8023, 196.6765

 18.5049, 15.9149,
16.0460

236.6925,
228.8391, 241.4682

 11.4149, 9.4640,
9.4020

284.7869,
276.7518, 292.5913

 6.4160, 5.0450,
4.9040

338.9911,

 3.1427, 2.2737,

330.9249, 350.4642

2.1333

399.6707,
391.7428, 415.5055

■ 1.2297, 0.7597,
0.6355

■ 0.1296, 0.0000,
0.0000

■ 75.0816, 69.7267,
72.4522

■ 75.0816, 69.7267,
72.4522

■ 66.9296, 57.4906,
57.1946

■ 84.5900, 84.1005,
89.9358

■ 60.0672, 47.2814,
44.0689

95.0500, 100.0000,
108.9000

■ 54.4291, 38.9922,
32.9809

■ 49.9421, 32.5022,
23.8275

■ 46.5253, 27.6772,
16.4965

■ 44.0870, 24.3640,
10.8636

■ 42.5193, 22.3808,
6.7887

■ 41.6622, 21.4463,
4.0994

■ 41.6364, 21.4186,
4.0176

Harmonies

Analogous

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



74.5218, 69.7267, 85.3261



75.0816, 69.7267, 72.4522



73.1997, 69.7267, 61.7619

Triad

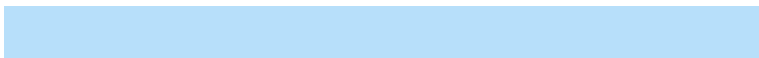
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0816, 69.7267, 72.4522



61.1250, 69.7267, 58.3074



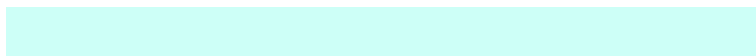
63.1658, 69.7267, 100.9654

Complementary

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



75.0816, 69.7267, 72.4522



77.7277, 91.2157, 101.5090

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.



59.7979, 69.7267, 92.0927



75.0816, 69.7267, 72.4522



58.6568, 69.7267, 67.2328

Square

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



75.0816, 69.7267, 72.4522



65.0508, 69.7267, 54.2127



58.1820, 69.7267, 79.4978



67.5107, 69.7267, 102.7645

Rectangle

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



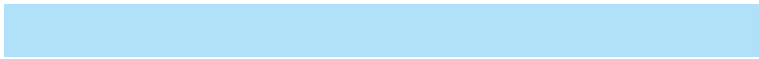
75.0816, 69.7267, 72.4522



70.8611, 69.7267, 56.9696



58.1820, 69.7267, 79.4978



61.8876, 69.7267, 98.6672

Sweetspot

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



75.0832, 69.7297, 72.4536



88.3609, 89.8233, 96.8007



78.1234, 70.5993, 104.1172



18.7637, 18.9994, 20.4483



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

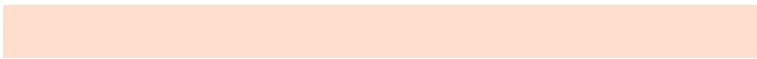
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0832, 69.7297, 72.4536



71.3370, 64.0945, 65.4794



78.2940, 77.7358, 68.6394



18.1278, 18.0344, 19.2902



21.7907, 11.2056, 2.2823



2.1540, 1.1040, 0.3923

Inverse Universe

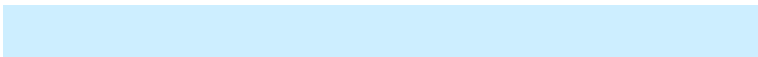
The Inverse Universe completely reimagines the original color for something new.



75.0832, 69.7297, 72.4536



71.3370, 64.0945, 65.4794



73.9007, 81.5445, 106.4524



18.1278, 18.0344, 19.2902



21.7907, 11.2056, 2.2823



2.1540, 1.1040, 0.3923

Previews

White Background



This preview shows how the XYZ color 75.0816, 69.7267, 72.4522 looks on a white background.

Color Contrast Check

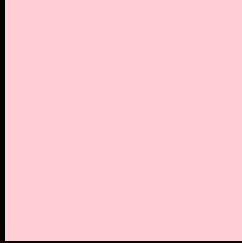
Large Text (above 18pt) WCAG AA × Fail

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 75.0816, 69.7267, 72.4522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

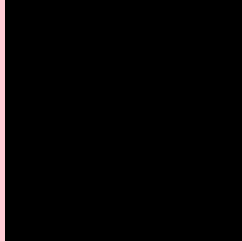
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0816, 69.7267, 72.4522

Background



This preview shows how black text looks on a background with the XYZ color 75.0816, 69.7267, 72.4522.



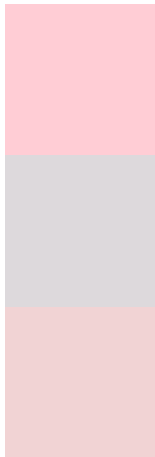
This preview shows how white text looks on a background with the XYZ color 75.0816, 69.7267,

72.4522.

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

75.0816, 69.7267, 72.4522

Protanopia

67.5499, 70.1652, 77.6931

Deuteranopia

71.4536, 70.0428, 72.0410



Tritanopia

75.7511, 69.6130, 77.1543

Trichromacy



Original Color

75.0816, 69.7267, 72.4522

Protanomaly

69.9229, 69.9219, 75.4566

Deuteranomaly

72.6902, 69.9472, 71.9573

Tritanomaly

75.3573, 69.4555, 75.0801

Monochromacy



Original Color

75.0816, 69.7267, 72.4522

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5596, 70.9865, 76.3125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0816, 69.7267, 72.4522 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, 213) looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 213) }
```

Border

The CSS property to change the border of an element to XYZ 75.0816, 69.7267, 72.4522 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, 213) }
```


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

```
.border{ border-color:rgb(255, 205, 213) }
```

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, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0816, 69.7267, 72.4522 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
205, 213) }
```

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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