

Converting Colors

XYZ(72.8469, 67.5007, 69.5699)

Have a look what the booklet for
XYZ(72.8469, 67.5007, 69.5699)
contains.

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Color

**XYZ(72.7740, 67.5400,
69.5225)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCAD1
RGB	252, 202, 209
RGB Percent	99%, 79%, 82%
CMY	0.0118, 0.2078, 0.1804
CMYK	0.00, 0.20, 0.17, 0.01
HSL	352°, 89%, 89%
HSV	352°, 20%, 99%
XYZ	72.7740, 67.5400, 69.5225
YIQ	217.7480, 27.5530, 12.7770

Conversions

Conversions Part 2

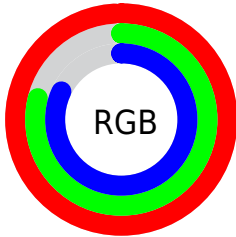
Format	Color
R _Y B	252, 202, 209
Decimal	16566993
CIE Lab	85.78, 18.73, 3.26
CIE LCh	86, 19.012, 9.858
Yxy	67.5400, 0.3468, 0.3219
Android (android.graphics.Color)	4294757073 (0xFFFCAD1)
YUV	217.7480, -4.3128, 30.0390
Hunter-Lab	82.1827, 14.2446, 7.3715

Details

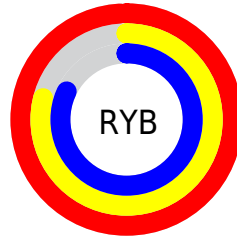
The XYZ color **72.7740, 67.5400, 69.5225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6517, 88.7715, 99.5379**, and the grayscale version is **66.4841, 69.9464, 76.1716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0120, 35.1485, 35.7385** is the 20% darker color. If you saturate the color by 10%, you get **64.8337, 55.6652, 54.5250**, and if you desaturate by 10%, it is **82.0486, 81.4978, 86.7674**.

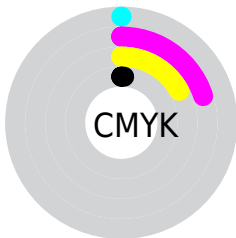
Distribution



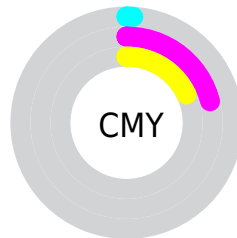
- Red (99%)
- Green (79%)
- Blue (82%)



- Red (99%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7740, 67.5400, 69.5225 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 72.7740, 67.5400, 69.5225 by changing the saturation by 10% instead.

 72.7740, 67.5400,
69.5225

 72.7740, 67.5400,
69.5225


459.3471,
451.8645, 477.6154

 54.0789, 49.5236,
50.6630

122.1612,
115.6938, 120.2023

 38.8957, 35.0350,
35.5656


153.5840,
146.6001, 152.8596

 26.8589, 23.6898,
23.8118


189.9801,
182.5717, 190.9532

 17.6033, 15.1037,
14.9832

231.7148,
223.9931, 234.9017

 10.7635, 8.8922,
8.6611

279.1535,
271.2487, 285.1237

 5.9742, 4.6709,
4.4270


332.6615,


 2.8699, 2.0555,


324.7228, 342.0376


1.8624


392.6043,
384.8000, 406.0620


 1.0853, 0.6394,
0.4687


 0.0128, 0.0000,
0.0000


 72.7740, 67.5400,
69.5225


 72.7740, 67.5400,
69.5225


 64.8337, 55.6652,
54.5250


 82.0486, 81.4978,
86.7674

 58.1607, 45.7648,
41.6779

 92.7094, 97.6223,
106.3429

 52.6904, 37.7343,
30.8835

 93.9551, 99.4356,
108.8488

 48.3506, 31.4557,
22.0348

■ 45.0609, 26.7976,
15.0148

■ 42.7302, 23.6102,
9.6940

■ 41.2514, 21.7152,
5.9252

■ 40.4620, 20.8294,
3.5258

■ 40.4523, 20.8184,
3.4967

Harmonies

Analogous

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



72.3538, 67.5400, 82.0815



72.7740, 67.5400, 69.5225



70.8172, 67.5400, 59.2593

Triad

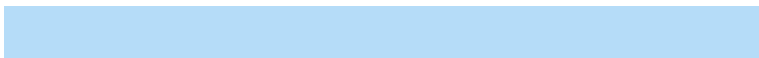
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7740, 67.5400, 69.5225



58.9928, 67.5400, 56.6743



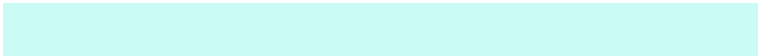
61.3634, 67.5400, 98.3413

Complementary

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



72.7740, 67.5400, 69.5225



75.6517, 88.7715, 99.5379

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.



57.9986, 67.5400, 89.9474



72.7740, 67.5400, 69.5225



56.6733, 67.5400, 65.6119

Square

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



72.7740, 67.5400, 69.5225



62.7763, 67.5400, 52.4136



56.3177, 67.5400, 77.7085



65.6344, 67.5400, 99.6934

Rectangle

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



72.7740, 67.5400, 69.5225



68.4777, 67.5400, 54.7446



56.3177, 67.5400, 77.7085



60.0942, 67.5400, 96.2082

Sweetspot

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



72.7759, 67.5431, 69.5239



88.3149, 89.8049, 96.5584



76.1752, 68.5952, 101.3213



18.7529, 18.9950, 20.3913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

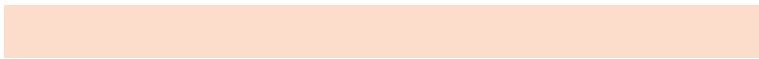
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7759, 67.5431, 69.5239



71.1910, 64.0361, 64.7108



76.2698, 75.8867, 66.5087



17.3435, 17.2648, 18.3987



21.1029, 10.8569, 1.9844



1.9837, 1.0172, 0.3377

Inverse Universe

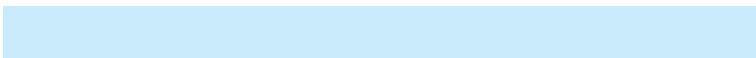
The Inverse Universe completely reimagines the original color for something new.



72.7759, 67.5431, 69.5239



71.1910, 64.0361, 64.7108



71.4957, 78.7179, 103.5218



17.3435, 17.2648, 18.3987



21.1029, 10.8569, 1.9844



1.9837, 1.0172, 0.3377

Previews

White Background



This preview shows how the XYZ color 72.7740, 67.5400, 69.5225 looks on a white background.

Color Contrast Check

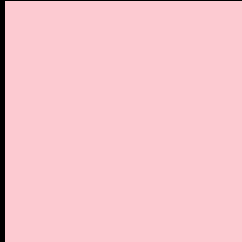
Large Text (above 18pt) WCAG AA × Fail

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 72.7740, 67.5400, 69.5225 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 72.7740, 67.5400, 69.5225

Background



This preview shows how black text looks on a background with the XYZ color 72.7740, 67.5400, 69.5225.



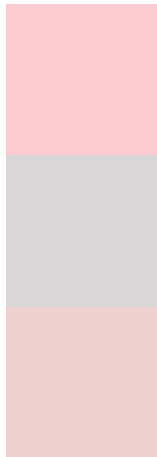
This preview shows how white text looks on a background with the XYZ color 72.7740, 67.5400,

69.5225.

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

72.7740, 67.5400, 69.5225

Protanopia

65.3547, 67.9564, 74.6381

Deuteranopia

69.2009, 67.8430, 69.1222



Tritanopia

73.7893, 67.6138, 74.1274

Trichromacy



Original Color

72.7740, 67.5400, 69.5225

Protanomaly

67.6900, 67.7203, 72.4545

Deuteranomaly

70.4186, 67.7514, 69.0404

Tritanomaly

73.4049, 67.4600, 72.1030

Monochromacy



Original Color

72.7740, 67.5400, 69.5225

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.4424, 68.8163, 73.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7740, 67.5400, 69.5225 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(252, 202, 209)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 209)  
}
```

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(252, 202, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 209) }
```

Border

The CSS property to change the border of an element to XYZ 72.7740, 67.5400, 69.5225 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(252, 202, 209) }
```


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

```
.border{ border-color:rgb(252, 202, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 202, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 202, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 202, 209);  
box-shadow:4px 4px 4px 4px rgb(252, 202,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7740, 67.5400, 69.5225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 202, 209) }
```

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

```
.background{ background-color: rgb(252,  
202, 209) }
```

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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