

Converting Colors

XYZ(70.5869, 67.3949, 72.9065)

Have a look what the booklet for
XYZ(70.5869, 67.3949, 72.9065)
contains.

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Color

**XYZ(70.5869, 67.3949,
72.9065)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CDD6
RGB	242, 205, 214
RGB Percent	95%, 80%, 84%
CMY	0.0510, 0.1961, 0.1608
CMYK	0.00, 0.15, 0.12, 0.05
HSL	345°, 59%, 88%
HSV	345°, 15%, 95%
XYZ	70.5869, 67.3949, 72.9065
YIQ	217.0890, 19.1630, 10.6430

Conversions

Conversions Part 2

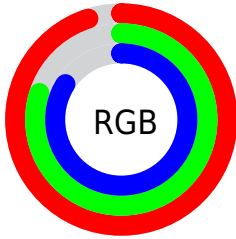
Format	Color
R _Y B	242, 205, 214
Decimal	15912406
CIE Lab	85.70, 14.42, 0.38
CIE LCh	86, 14.422, 1.507
Yxy	67.3949, 0.3347, 0.3196
Android (android.graphics.Color)	4294102486 (0xFFFF2CDD6)
YUV	217.0890, -1.5229, 21.8469
Hunter-Lab	82.0944, 9.8138, 4.8117

Details

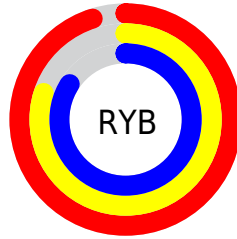
The XYZ color **70.5869, 67.3949, 72.9065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6396, 82.3684, 89.2177**, and the grayscale version is **66.0168, 69.4548, 75.6363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.5743, 35.0755, 37.5908** is the 20% darker color. If you saturate the color by 10%, you get **63.0308, 55.8174, 59.4889**, and if you desaturate by 10%, it is **79.3052, 80.8742, 88.0107**.

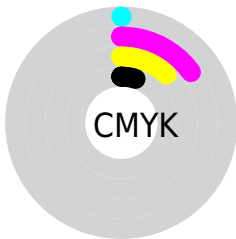
Distribution



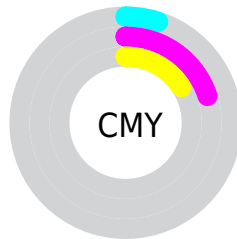
- Red (95%)
- Green (80%)
- Blue (84%)



- Red (95%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.5869, 67.3949, 72.9065 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 70.5869, 67.3949, 72.9065 by changing the saturation by 10% instead.

 70.5869, 67.3949,
72.9065

 70.5869, 67.3949,
72.9065


451.8424,
451.3491, 489.7528

 52.2865, 49.4056,
53.4082


119.0670,
115.4861, 125.0642

 37.4587, 34.9414,
37.7387

149.9775,
146.3568, 158.5605

 25.7381, 23.6177,
25.4797

185.8219,
182.2900, 197.5600

 16.7595, 15.0503,
16.2126


226.9658,
223.6703, 242.4811

 10.1574, 8.8547,
9.5187

273.7744,
270.8820, 293.7424

 5.5665, 4.6465,
4.9796

326.6132,

 2.6215, 2.0414,

324.3094, 351.7624

2.1768

385.8474,
384.3370, 416.9597

■ 0.9569, 0.6314,
0.6609

■ 0.0000, 0.0000,
0.0000

■ 70.5869, 67.3949,
72.9065

■ 70.5869, 67.3949,
72.9065

■ 63.0308, 55.8174,
59.4889

■ 79.3052, 80.8742,
88.0107

■ 56.5814, 46.0472,
47.6945

■ 89.2266, 96.3264,
104.8536

■ 51.1874, 37.9952,
37.4616

■ 90.4284, 97.6175,
108.6837

■ 46.7909, 31.5612,
28.7233

■ 43.3282, 26.6345,
21.4074

■ 40.7282, 23.0904,
15.4356

■ 38.9087, 20.7839,
10.7212

■ 37.7702, 19.5372,
7.1657

■ 37.4037, 19.1916,
5.8495

Harmonies

Analogous

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



69.7754, 67.3949, 82.3625



70.5869, 67.3949, 72.9065



69.5995, 67.3949, 64.3202

Triad

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



70.5869, 67.3949, 72.9065



60.8094, 67.3949, 59.0019



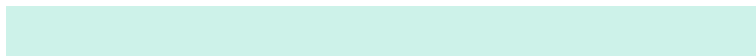
61.0879, 67.3949, 90.4726

Complementary

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



70.5869, 67.3949, 72.9065



71.6396, 82.3684, 89.2177

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.



58.8165, 67.3949, 83.2564



70.5869, 67.3949, 72.9065



58.6596, 67.3949, 65.0785

Square

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



70.5869, 67.3949, 72.9065



63.8907, 67.3949, 56.7291



57.9425, 67.3949, 73.8587



64.2232, 67.3949, 93.0104

Rectangle

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



70.5869, 67.3949, 72.9065



68.0730, 67.3949, 60.1029



57.9425, 67.3949, 73.8587



60.2018, 67.3949, 88.4847

Sweetspot

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



70.5888, 67.3979, 72.9079



89.6016, 91.5272, 99.6108



71.3833, 67.3582, 93.2444



19.0204, 19.3454, 21.0499



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.



70.5888, 67.3979, 72.9079



77.0179, 72.0912, 77.7472



71.7495, 71.5076, 67.7819



15.9304, 15.8219, 17.1896



20.1383, 10.3277, 3.3789



1.7133, 0.8744, 0.4813

Inverse Universe

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



70.5888, 67.3979, 72.9079



77.0179, 72.0912, 77.7472



70.2744, 77.5285, 95.2660



15.9304, 15.8219, 17.1896



20.1383, 10.3277, 3.3789



1.7133, 0.8744, 0.4813

Previews

White Background



This preview shows how the XYZ color 70.5869, 67.3949, 72.9065 looks on a white background.

Color Contrast Check

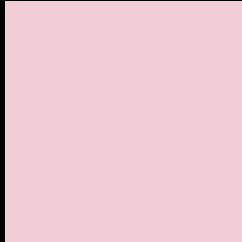
Large Text (above 18pt) WCAG AA × Fail

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 70.5869, 67.3949, 72.9065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

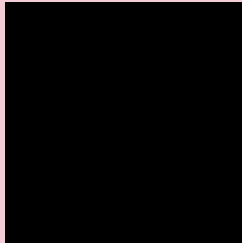
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5869, 67.3949, 72.9065

Background



This preview shows how black text looks on a background with the XYZ color 70.5869, 67.3949, 72.9065.



This preview shows how white text looks on a background with the XYZ color 70.5869, 67.3949,

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

70.5869, 67.3949, 72.9065

Protanopia

65.1957, 67.4547, 76.6017

Deuteranopia

68.9544, 67.6290, 73.0377



Tritanopia

71.4733, 67.4077, 76.9541

Trichromacy



Original Color

70.5869, 67.3949, 72.9065

Protanomaly

66.9350, 67.2717, 75.1025

Deuteranomaly

69.7103, 67.6578, 73.0035

Tritanomaly

71.2099, 67.3024, 75.5672

Monochromacy



Original Color

70.5869, 67.3949, 72.9065

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.5530, 68.7151, 74.6687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5869, 67.3949, 72.9065 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(242, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(242, 205, 214)  
}
```

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(242, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 205, 214) }
```

Border

The CSS property to change the border of an element to XYZ 70.5869, 67.3949, 72.9065 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(242, 205, 214) }
```


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

```
.border{ border-color:rgb(242, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(242, 205,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5869, 67.3949, 72.9065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 205, 214) }
```

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

```
.background{ background-color: rgb(242,  
205, 214) }
```

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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