

Converting Colors

XYZ(73.3921, 67.4063, 72.1192)

Have a look what the booklet for
XYZ(73.3921, 67.4063, 72.1192)
contains.

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Color

**XYZ(73.4049, 67.4600,
72.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC9D5
RGB	253, 201, 213
RGB Percent	99%, 79%, 84%
CMY	0.0078, 0.2117, 0.1647
CMYK	0.00, 0.21, 0.16, 0.01
HSL	346°, 93%, 89%
HSV	346°, 21%, 99%
XYZ	73.4049, 67.4600, 72.1030
YIQ	217.9160, 27.1400, 14.7560

Conversions

Conversions Part 2

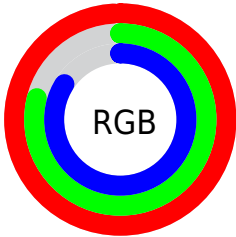
Format	Color
RYB	253, 201, 213
Decimal	16632277
CIELab	85.74, 20.22, 1.08
CIElCh	86, 20.252, 3.059
Yxy	67.4600, 0.3447, 0.3168
Android (android.graphics.Color)	4294822357 (0xFFFD9D5)
YUV	217.9160, -2.4236, 30.7687
Hunter-Lab	82.1340, 15.7946, 5.4449

Details

The XYZ color **73.4049, 67.4600, 72.1030** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0926, 89.0207, 96.4483**, and the grayscale version is **66.5873, 70.0550, 76.2899**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3702, 35.0718, 37.0423** is the 20% darker color. If you saturate the color by 10%, you get **65.6619, 55.6926, 58.0563**, and if you desaturate by 10%, it is **82.4196, 81.2948, 88.0379**.

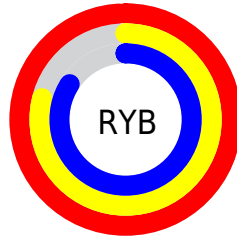
Distribution



Red (99%)

Green (79%)

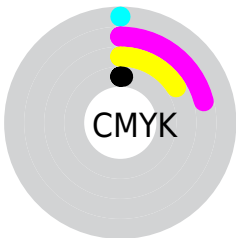
Blue (84%)



Red (99%)

Yellow (79%)

Blue (84%)

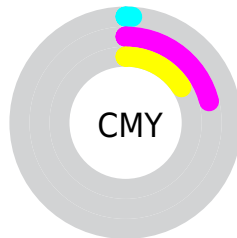


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (1%)



Cyan (1%)


Magenta (21%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4049, 67.4600, 72.1030 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 73.4049, 67.4600, 72.1030 by changing the saturation by 10% instead.


 73.4049, 67.4600,
72.1030

 73.4049, 67.4600,
72.1030


461.4990,
451.5804, 486.8872

 54.5967, 49.4585,
52.7555


123.0519,
115.5793, 123.9120

 39.3115, 34.9834,
37.2212


154.6213,
146.4659, 157.2106

 27.1839, 23.6501,
25.0817


191.1753,
182.4164, 195.9967

 17.8487, 15.0742,
15.9183

233.0790,
223.8151, 240.6887

 10.9404, 8.8715,
9.3127

280.6979,
271.0465, 291.7052

 6.0938, 4.6575,
4.8461


334.3973,


 2.9434, 2.0477,


324.4949, 349.4647


2.1001


394.5425,
384.5447, 414.3859


 1.1239, 0.6350,
0.6158

 0.0450, 0.0000,
0.0000


 73.4049, 67.4600,
72.1030


 73.4049, 67.4600,
72.1030


 65.6619, 55.6926,
58.0563


 82.4196, 81.2948,
88.0379

 59.1268, 45.8842,
45.8228

 92.7544, 97.2802,
105.9239

 53.7392, 37.9303,
35.3285

 94.3183, 99.6228,
108.8658

 49.4305, 31.7134,
26.4924

■ 46.1251, 27.1018,
19.2272

■ 43.7368, 23.9453,
13.4366

■ 42.1641, 22.0646,
9.0131

■ 41.2815, 21.1921,
5.9670

Harmonies

Analogous

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



72.3686, 67.4600, 85.5927



73.4049, 67.4600, 72.1030



71.8559, 67.4600, 60.4296

Triad

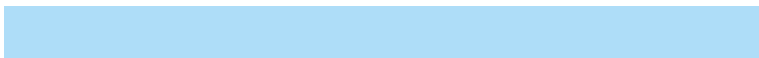
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4049, 67.4600, 72.1030



59.3938, 67.4600, 54.1264



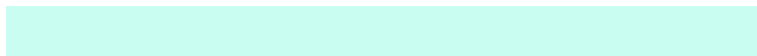
60.1775, 67.4600, 98.5476

Complementary

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



73.4049, 67.4600, 72.1030



75.0926, 89.0207, 96.4483

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.



56.9579, 67.4600, 88.2235



73.4049, 67.4600, 72.1030



56.5209, 67.4600, 62.5182

Square

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



73.4049, 67.4600, 72.1030



63.6458, 67.4600, 50.8636



55.6507, 67.4600, 74.8187



64.5940, 67.4600, 101.8994

Rectangle

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



73.4049, 67.4600, 72.1030



69.6071, 67.4600, 54.9368



55.6507, 67.4600, 74.8187



58.9267, 67.4600, 95.7210

Sweetspot

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



73.4068, 67.4631, 72.1044



88.5242, 89.8886, 97.6606



74.8486, 67.5457, 102.0219



18.8022, 19.0147, 20.6509



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

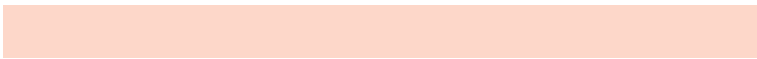
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4068, 67.4631, 72.1044



71.0608, 63.0849, 66.7966



75.3193, 73.6355, 65.5053



18.1810, 18.0557, 19.5704



22.0057, 11.2916, 3.4146



2.1823, 1.1153, 0.5413

Inverse Universe

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



73.4068, 67.4631, 72.1044



71.0608, 63.0849, 66.7966



72.7250, 81.3227, 104.7931



18.1810, 18.0557, 19.5704



22.0057, 11.2916, 3.4146



2.1823, 1.1153, 0.5413

Previews

White Background



This preview shows how the XYZ color 73.4049, 67.4600, 72.1030 looks on a white background.

Color Contrast Check

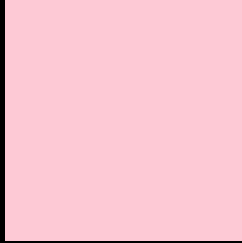
Large Text (above 18pt) WCAG AA × Fail

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 73.4049, 67.4600, 72.1030 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 73.4049, 67.4600, 72.1030

Background



This preview shows how black text looks on a background with the XYZ color 73.4049, 67.4600, 72.1030.

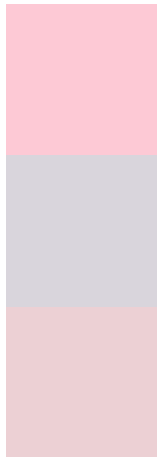


This preview shows how white text looks on a background with the XYZ color 73.4049, 67.4600,

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

73.4049, 67.4600, 72.1030

Protanopia

65.3278, 67.5075, 77.2973

Deuteranopia

69.0316, 67.6981, 71.7160



Tritanopia

73.7893, 67.6138, 74.1274

Trichromacy



Original Color

73.4049, 67.4600, 72.1030

Protanomaly

67.9580, 67.4337, 75.0799

Deuteranomaly

70.3329, 67.2934, 71.5693

Tritanomaly

73.6604, 67.5622, 73.4485

Monochromacy



Original Color

73.4049, 67.4600, 72.1030

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.8932, 69.0338, 74.6595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4049, 67.4600, 72.1030 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(253, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(253, 201, 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(253, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 213) }
```

Border

The CSS property to change the border of an element to XYZ 73.4049, 67.4600, 72.1030 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(253, 201, 213) }
```


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

```
.border{ border-color:rgb(253, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(253, 201,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4049, 67.4600, 72.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 213) }
```

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

```
.background{ background-color: rgb(253,  
201, 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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