

# Converting Colors

XYZ(73.5312, 67.8428, 73.5094)

Have a look what the booklet for  
XYZ(73.5312, 67.8428, 73.5094)  
contains.

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# Color

**XYZ(73.5312, 67.8428,  
73.5094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCCAD7
RGB	252, 202, 215
RGB Percent	99%, 79%, 84%
CMY	0.0118, 0.2078, 0.1569
CMYK	0.00, 0.20, 0.15, 0.01
HSL	344°, 89%, 89%
HSV	344°, 20%, 99%
XYZ	73.5312, 67.8428, 73.5094
YIQ	218.4320, 25.6270, 14.6430

# Conversions

## Conversions Part 2

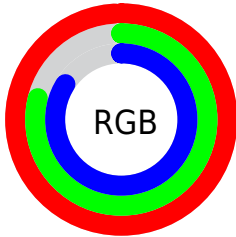
Format	Color
R <sub>Y</sub> B	252, 202, 215
Decimal	16566999
CIE Lab	85.93, 19.66, 0.29
CIE LCh	86, 19.660, 0.833
Yxy	67.8428, 0.3422, 0.3157
Android (android.graphics.Color)	4294757079 (0xFFFCAD7)
YUV	218.4320, -1.6920, 29.4391
Hunter-Lab	82.3667, 15.2104, 4.7425

# Details

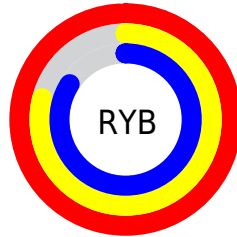
The XYZ color **73.5312, 67.8428, 73.5094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7503, 88.4112, 94.7911**, and the grayscale version is **66.9393, 70.4253, 76.6932**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4407, 35.3200, 37.9964** is the 20% darker color. If you saturate the color by 10%, you get **65.8330, 56.0648, 59.7864**, and if you desaturate by 10%, it is **82.4719, 81.6671, 88.9959**.

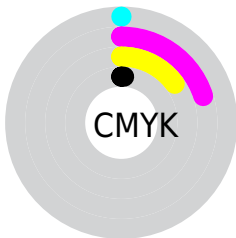
# Distribution



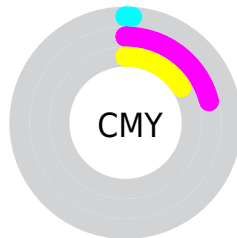
- Red (99%)
- Green (79%)
- Blue (84%)



- Red (99%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (1%)




- Cyan (1%)
- Magenta (21%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5312, 67.8428, 73.5094 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 73.5312, 67.8428, 73.5094 by changing the saturation by 10% instead.




 73.5312, 67.8428,  
73.5094

 73.5312, 67.8428,  
73.5094


461.9291,  
452.9388, 491.8965

 54.7003, 49.7699,  
53.8982


123.2301,  
116.1272, 125.9277

 39.3948, 35.2306,  
38.1277

154.8289,  
147.1075, 159.5719

 27.2491, 23.8405,  
25.7792


191.4143,  
183.1590, 198.7310

 17.8979, 15.2154,  
16.4343

233.3518,  
224.6661, 243.8233

 10.9760, 8.9707,  
9.6743

281.0066,  
272.0133, 295.2674

 6.1179, 4.7221,  
5.0808


334.7443,


 2.9582, 2.0851,


325.5849, 353.4820


2.2352


394.9300,  
385.7653, 418.8855


 1.1317, 0.6562,  
0.6946


 0.0514, 0.0000,  
0.0000


 73.5312, 67.8428,  
73.5094


 73.5312, 67.8428,  
73.5094


 65.8330, 56.0648,  
59.7864


 82.4719, 81.6671,  
88.9959

 59.3156, 46.2267,  
47.7590

 92.7018, 97.6192,  
106.3021

 53.9206, 38.2263,  
37.3611

 93.9553, 99.4356,  
108.8488

 49.5823, 31.9483,  
28.5201

■ 46.2276, 27.2643,  
21.1581

■ 43.7740, 24.0277,  
15.1897

■ 42.1240, 22.0643,  
10.5195

■ 41.1272, 21.0955,  
7.0281

■ 41.1141, 21.0832,  
6.9803

# Harmonies

## Analogous

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



72.3406, 67.8428, 86.6223



73.5312, 67.8428, 73.5094



72.2048, 67.8428, 61.8773

# Triad

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



73.5312, 67.8428, 73.5094



60.1467, 67.8428, 54.5610



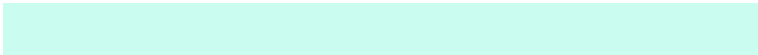
60.3551, 67.8428, 97.7010

# Complementary

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



73.5312, 67.8428, 73.5094



74.7503, 88.4112, 94.7911

# 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.



57.3315, 67.8428, 87.3184



73.5312, 67.8428, 73.5094



57.2152, 67.8428, 62.4337

# Square

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



73.5312, 67.8428, 73.5094



64.3568, 67.8428, 51.7498



56.2085, 67.8428, 74.2303



64.6085, 67.8428, 101.5345



# Rectangle

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



73.5312, 67.8428, 73.5094



70.1058, 67.8428, 56.2671



56.2085, 67.8428, 74.2303



59.1683, 67.8428, 94.8058

# Sweetspot

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



73.5331, 67.8459, 73.5108



88.5920, 89.9157, 98.0172



74.1777, 67.5654, 101.2282



18.8182, 19.0211, 20.7350



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

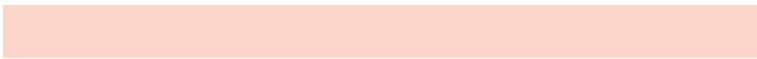
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5331, 67.8459, 73.5108



72.0838, 64.3932, 69.4120



74.7701, 72.8872, 66.0086



17.4298, 17.2993, 18.8530



21.4673, 11.0027, 3.9035



2.0296, 1.0356, 0.5795



# Inverse Universe

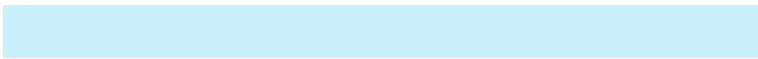
The Inverse Universe completely reimagines the original color for something new.



73.5331, 67.8459, 73.5108



72.0838, 64.3932, 69.4120



73.1885, 82.1037, 104.0865



17.4298, 17.2993, 18.8530



21.4673, 11.0027, 3.9035

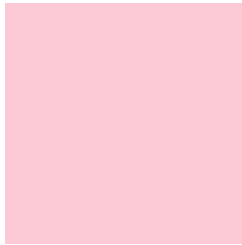


2.0296, 1.0356, 0.5795



# Previews

## White Background



This preview shows how the XYZ color 73.5312, 67.8428, 73.5094 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

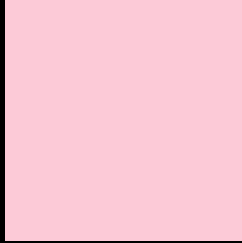
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.5312, 67.8428, 73.5094 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

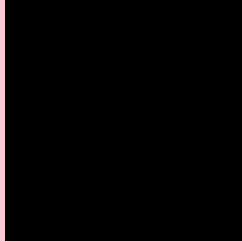
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 73.5312, 67.8428, 73.5094

## Background



This preview shows how black text looks on a background with the XYZ color 73.5312, 67.8428, 73.5094.



This preview shows how white text looks on a background with the XYZ color 73.5312, 67.8428,

73.5094.

# 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

73.5312, 67.8428, 73.5094

### Protanopia

65.8467, 68.1188, 78.7850

### Deuteranopia

69.2855, 67.7997, 73.0532



## Tritanopia

73.7898, 67.9463, 74.8714

# Trichromacy



## Original Color

73.5312, 67.8428, 73.5094

## Protanomaly

68.4659, 68.0307, 76.5405

## Deuteranomaly

70.8269, 67.8749, 72.9865

## Tritanomaly

73.6601, 67.8944, 74.1884

# Monochromacy



## Original Color

73.5312, 67.8428, 73.5094

## Achromatopsia

66.6397, 70.1102, 76.3500

## Achromatomaly

68.7010, 68.9197, 75.3275

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.5312, 67.8428, 73.5094 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 73.5312, 67.8428, 73.5094 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, 215) }
```



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

```
.border{ border-color:rgb(252, 202, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 202,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.5312, 67.8428, 73.5094 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, 215) }
```

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

```
.background{ background-color: rgb(252,  
202, 215) }
```

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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