

Converting Colors

XYZ(73.2265, 67.6967, 66.6543)

Have a look what the booklet for
XYZ(73.2265, 67.6967, 66.6543)
contains.

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Color

**XYZ(73.3800, 67.9088,
66.9978)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCACD
RGB	255, 202, 205
RGB Percent	100%, 79%, 80%
CMY	0.0000, 0.2078, 0.1961
CMYK	0.00, 0.21, 0.20, 0.00
HSL	357°, 100%, 90%
HSV	357°, 21%, 100%
XYZ	73.3800, 67.9088, 66.9978
YIQ	218.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

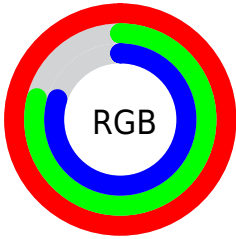
Format	Color
R _Y B	255, 202, 205
Decimal	16763597
CIE Lab	85.96, 19.20, 5.68
CIE LCh	86, 20.024, 16.492
Yxy	67.9088, 0.3523, 0.3260
Android (android.graphics.Color)	4294953677 (0xFFFFCACD)
YUV	218.1890, -6.5022, 32.2832
Hunter-Lab	82.4068, 14.7353, 9.4812

Details

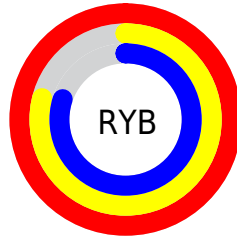
The XYZ color **73.3800, 67.9088, 66.9978** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6902, 91.1060, 105.5898**, and the grayscale version is **66.8010, 70.2798, 76.5347**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4645, 35.4199, 34.0349** is the 20% darker color. If you saturate the color by 10%, you get **65.1994, 55.8433, 51.0278**, and if you desaturate by 10%, it is **82.9990, 82.1359, 85.6521**.

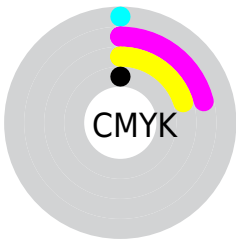
Distribution



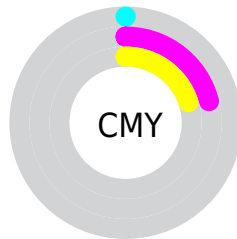
- Red (100%)
- Green (79%)
- Blue (80%)



- Red (100%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3800, 67.9088, 66.9978 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 73.3800, 67.9088, 66.9978 by changing the saturation by 10% instead.


 73.3800, 67.9088,
66.9978

 73.3800, 67.9088,
66.9978


461.4142,
453.1728, 468.4382

 54.5762, 49.8235,
48.6213


123.0167,
116.2217, 116.5579

 39.2950, 35.2732,
33.9556

154.5804,
147.2181, 148.5785

 27.1711, 23.8734,
22.5824


191.1281,
183.2870, 185.9842

 17.8390, 15.2397,
14.0831

233.0252,
224.8128, 229.1936

 10.9334, 8.9878,
8.0391

280.6370,
272.1799, 278.6251

 6.0891, 4.7332,
4.0318

334.3288,

 2.9405, 2.0916,

325.7726, 334.6974

1.6428

394.4661,
385.9755, 397.8289

■ 1.1224, 0.6599,
0.3211

■ 0.0437, 0.0000,
0.0000

■ 73.3800, 67.9088,
66.9978

■ 73.3800, 67.9088,
66.9978

■ 65.1994, 55.8433,
51.0278

■ 82.9990, 82.1359,
85.6521

■ 58.3835, 45.8255,
37.6145

■ 94.1157, 98.6138,
107.1017

■ 52.8594, 37.7443,
26.6266

■ 95.0500, 100.0000,
108.9000

■ 48.5455, 31.4746,
17.9189

■ 45.3508, 26.8767,
11.3312

■ 43.1715, 23.7903,
6.6822

■ 41.8841, 22.0241,
3.7603

■ 41.3221, 21.2928,
2.3623

Harmonies

Analogous

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



73.5096, 67.9088, 80.0018



73.3800, 67.9088, 66.9978



70.8119, 67.9088, 57.0876

Triad

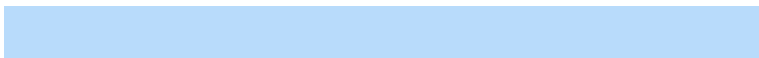
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3800, 67.9088, 66.9978



58.3555, 67.9088, 57.8739



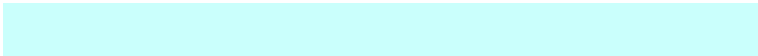
62.5062, 67.9088, 101.3312

Complementary

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



73.3800, 67.9088, 66.9978



77.6902, 91.1060, 105.5898

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.



58.6597, 67.9088, 93.8227



73.3800, 67.9088, 66.9978



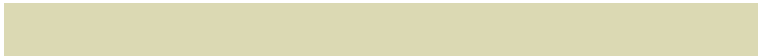
56.3411, 67.9088, 68.1946

Square

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



73.3800, 67.9088, 66.9978



62.0730, 67.9088, 52.2630



56.4497, 67.9088, 81.3483



67.0823, 67.9088, 100.9118

Rectangle

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



73.3800, 67.9088, 66.9978



68.1289, 67.9088, 53.1068



56.4497, 67.9088, 81.3483



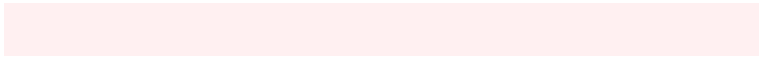
61.0896, 67.9088, 99.6160

Sweetspot

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



73.3816, 67.9117, 66.9992



88.1241, 89.7286, 95.5534



79.1241, 70.0600, 103.9604



18.7080, 18.9770, 20.1547



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

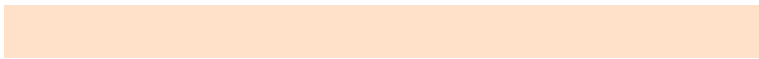
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3816, 67.9117, 66.9992



69.7591, 62.5642, 59.9423



78.8185, 79.3588, 67.0445



18.0510, 18.0037, 18.8857



21.6081, 11.1325, 1.3208



2.1179, 1.0895, 0.2021

Inverse Universe

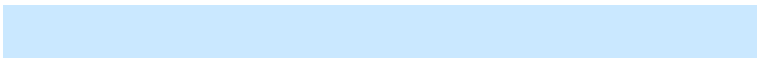
The Inverse Universe completely reimagines the original color for something new.



73.3816, 67.9117, 66.9992



69.7591, 62.5642, 59.9423



71.2755, 77.5109, 105.8122



18.0510, 18.0037, 18.8857



21.6081, 11.1325, 1.3208



2.1179, 1.0895, 0.2021

Previews

White Background



This preview shows how the XYZ color 73.3800, 67.9088, 66.9978 looks on a white background.

Color Contrast Check

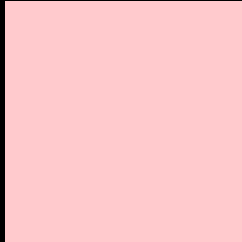
Large Text (above 18pt) WCAG AA × Fail

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 73.3800, 67.9088, 66.9978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

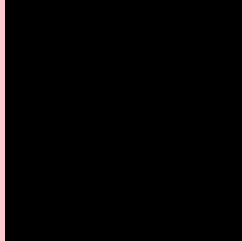
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3800, 67.9088, 66.9978

Background



This preview shows how black text looks on a background with the XYZ color 73.3800, 67.9088, 66.9978.



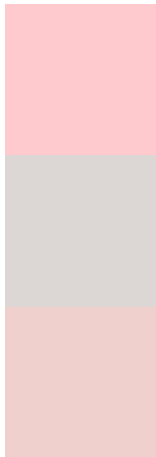
This preview shows how white text looks on a background with the XYZ color 73.3800, 67.9088,

66.9978.

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

73.3800, 67.9088, 66.9978

Protanopia

65.4454, 68.0622, 71.9753

Deuteranopia

69.3901, 67.9966, 66.5942



Tritanopia

74.5213, 67.9912, 74.1617

Trichromacy



Original Color

73.3800, 67.9088, 66.9978

Protanomaly

68.1595, 68.0203, 69.8584

Deuteranomaly

70.6266, 67.9147, 66.5132

Tritanomaly

74.0103, 67.7868, 71.4707

Monochromacy



Original Color

73.3800, 67.9088, 66.9978

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.5087, 68.8800, 72.6352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3800, 67.9088, 66.9978 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, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 205)  
}
```

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, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 205) }
```

Border

The CSS property to change the border of an element to XYZ 73.3800, 67.9088, 66.9978 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, 202, 205) }
```


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

```
.border{ border-color:rgb(255, 202, 205) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3800, 67.9088, 66.9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 205) }
```

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

```
.background{ background-color: rgb(255,  
202, 205) }
```

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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