

Converting Colors

XYZ(74.9642, 69.2983, 73.0105)

Have a look what the booklet for
XYZ(74.9642, 69.2983, 73.0105)
contains.

XYZ(74.9705, 69.3008, 73.0433)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.9705, 69.3008,
73.0433)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD6
RGB	255, 204, 214
RGB Percent	100%, 80%, 84%
CMY	0.0000, 0.2000, 0.1608
CMYK	0.00, 0.20, 0.16, 0.00
HSL	348°, 100%, 90%
HSV	348°, 20%, 100%
XYZ	74.9705, 69.3008, 73.0433
YIQ	220.3890, 27.1860, 13.9220

Conversions

Conversions Part 2

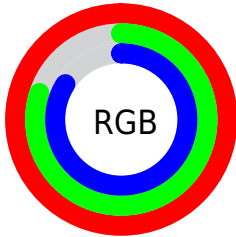
Format	Color
R_{YB}	255, 204, 214
Decimal	16764118
CIE Lab	86.65, 19.51, 1.91
CIE LCh	87, 19.601, 5.584
Yxy	69.3008, 0.3450, 0.3189
Android (android.graphics.Color)	4294954198 (0xFFFFCCD6)
YUV	220.3890, -3.1498, 30.3538
Hunter-Lab	83.2471, 15.0707, 6.2503

Details

The XYZ color **74.9705, 69.3008, 73.0433** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1457, 90.9511, 99.8794**, and the grayscale version is **68.3087, 71.8661, 78.2621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4531, 36.3217, 37.6796** is the 20% darker color. If you saturate the color by 10%, you get **66.9428, 57.1752, 58.2524**, and if you desaturate by 10%, it is **84.3233, 83.5486, 89.9036**.

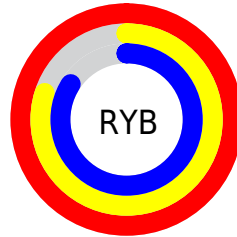
Distribution



Red (100%)

Green (80%)

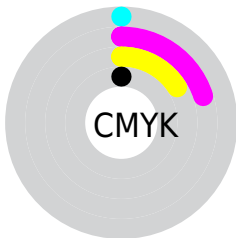
Blue (84%)



Red (100%)

Yellow (80%)

Blue (84%)

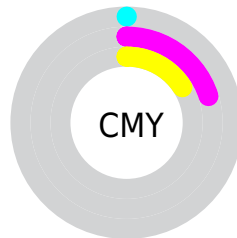


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (20%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9705, 69.3008, 73.0433 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 74.9705, 69.3008, 73.0433 by changing the saturation by 10% instead.


 74.9705, 69.3008,
73.0433

 74.9705, 69.3008,
73.0433

466.8149,
458.0912, 490.2397

 55.8828, 50.9567,
53.5193

125.2587,
118.2111, 125.2602

 40.3456, 36.1742,
37.8270


157.1900,
149.5461, 158.7901

 27.9935, 24.5687,
25.5476


194.1332,
185.9802, 197.8259

 18.4612, 15.7560,
16.2628

236.4536,
227.8979, 242.7859

 11.3833, 9.3517,
9.5539

284.5166,
275.6834, 294.0887

 6.3945, 4.9713,
5.0025

338.6876,

 3.1293, 2.2304,

329.7211, 352.1530

2.1900

399.3319,
390.3956, 417.3971

■ 1.2225, 0.7365,
0.6686

■ 0.1240, 0.0000,
0.0000

■ 74.9705, 69.3008,
73.0433

■ 74.9705, 69.3008,
73.0433

■ 66.9428, 57.1752,
58.2524

■ 84.3233, 83.5486,
89.9036

■ 60.1748, 47.0615,
45.4462

95.0500, 100.0000,
108.9000

■ 54.6031, 38.8531,
34.5407

■ 50.1564, 32.4297,
25.4437

■ 46.7559, 27.6575,
18.0556

■ 44.3120, 24.3834,
12.2663

■ 42.7195, 22.4255,
7.9525

■ 41.8155, 21.4903,
4.9603

■ 41.8153, 21.4901,
4.9597

Harmonies

Analogous

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



74.1653, 69.3008, 86.3014



74.9705, 69.3008, 73.0433



73.2471, 69.3008, 61.7881

Triad

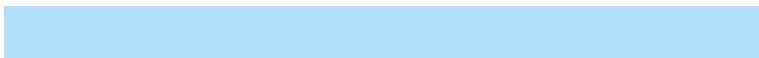
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9705, 69.3008, 73.0433



60.9046, 69.3008, 56.8491



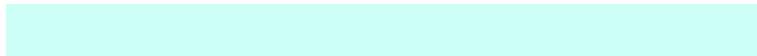
62.3157, 69.3008, 100.6650

Complementary

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



74.9705, 69.3008, 73.0433



77.1457, 90.9511, 99.8794

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.



59.0025, 69.3008, 91.0058



74.9705, 69.3008, 73.0433



58.2145, 69.3008, 65.5610

Square

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



74.9705, 69.3008, 73.0433



65.0201, 69.3008, 53.1544



57.5344, 69.3008, 77.9229



66.7239, 69.3008, 103.2598

Rectangle

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



74.9705, 69.3008, 73.0433



70.9409, 69.3008, 56.6066



57.5344, 69.3008, 77.9229



61.0435, 69.3008, 98.0862

Sweetspot

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



74.9721, 69.3038, 73.0447



88.4441, 89.8566, 97.2384



77.2312, 69.7854, 104.0071



18.7833, 19.0072, 20.5515



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

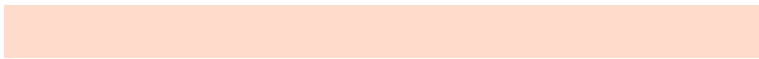
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.9721, 69.3038, 73.0447



71.6031, 64.2009, 66.8806



77.5508, 76.4419, 67.7980



18.1549, 18.0453, 19.4327



21.8904, 11.2455, 2.8074



2.1676, 1.1094, 0.4638

Inverse Universe

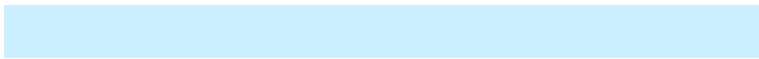
The Inverse Universe completely reimagines the original color for something new.



74.9721, 69.3038, 73.0447



71.6031, 64.2009, 66.8806



74.0259, 82.2030, 106.5729



18.1549, 18.0453, 19.4327



21.8904, 11.2455, 2.8074



2.1676, 1.1094, 0.4638

Previews

White Background



This preview shows how the XYZ color 74.9705, 69.3008, 73.0433 looks on a white background.

Color Contrast Check

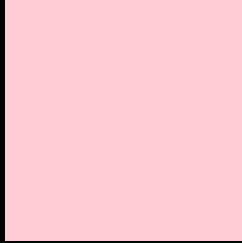
Large Text (above 18pt) WCAG AA × Fail

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 74.9705, 69.3008, 73.0433 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 74.9705, 69.3008, 73.0433

Background



This preview shows how black text looks on a background with the XYZ color 74.9705, 69.3008, 73.0433.

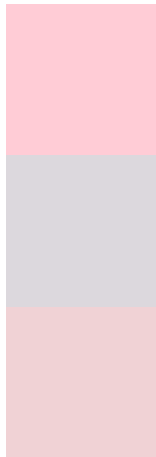


This preview shows how white text looks on a background with the XYZ color 74.9705, 69.3008,

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

74.9705, 69.3008, 73.0433

Protanopia

67.1222, 69.5478, 78.2930

Deuteranopia

70.9920, 69.4225, 72.6090



Tritanopia

75.3821, 69.0863, 76.3798

Trichromacy



Original Color

74.9705, 69.3008, 73.0433

Protanomaly

69.8026, 69.4726, 76.0602

Deuteranomaly

72.2223, 69.3283, 72.5260

Tritanomaly

75.1203, 68.9816, 75.0012

Monochromacy



Original Color

74.9705, 69.3008, 73.0433

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.3057, 70.4787, 76.2279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9705, 69.3008, 73.0433 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, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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(255, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 214) }
```

Border

The CSS property to change the border of an element to XYZ 74.9705, 69.3008, 73.0433 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, 204, 214) }
```


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

```
.border{ border-color:rgb(255, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9705, 69.3008, 73.0433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 214) }
```

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

```
.background{ background-color: rgb(255,  
204, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor