

Converting Colors

XYZ(74.3412, 69.0540, 69.8002)

Have a look what the booklet for
XYZ(74.3412, 69.0540, 69.8002)
contains.

XYZ(74.3415, 69.0492, 69.7312)	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(74.3415, 69.0492,
69.7312)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD1
RGB	255, 204, 209
RGB Percent	100%, 80%, 82%
CMY	0.0000, 0.2000, 0.1804
CMYK	0.00, 0.20, 0.18, 0.00
HSL	354°, 100%, 90%
HSV	354°, 20%, 100%
XYZ	74.3415, 69.0492, 69.7312
YIQ	219.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

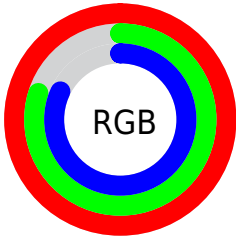
Format	Color
R _Y B	255, 204, 209
Decimal	16764113
CIE Lab	86.53, 18.75, 4.38
CIE LCh	87, 19.254, 13.150
Yxy	69.0492, 0.3488, 0.3240
Android (android.graphics.Color)	4294954193 (0xFFFFCCD1)
YUV	219.8190, -5.3338, 30.8537
Hunter-Lab	83.0958, 14.2769, 8.4129

Details

The XYZ color **74.3415, 69.0492, 69.7312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9196, 91.2607, 103.9547**, and the grayscale version is **67.9247, 71.4621, 77.8222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1114, 36.1850, 35.8807** is the 20% darker color. If you saturate the color by 10%, you get **66.1242, 56.8477, 53.9416**, and if you desaturate by 10%, it is **83.9656, 83.4056, 88.0200**.

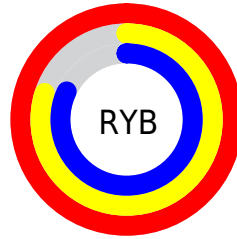
Distribution



Red (100%)

Green (80%)

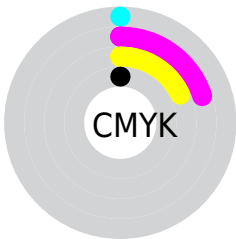
Blue (82%)



Red (100%)

Yellow (80%)

Blue (82%)

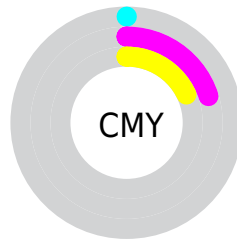


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3415, 69.0492, 69.7312 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 74.3415, 69.0492, 69.7312 by changing the saturation by 10% instead.


 74.3415, 69.0492,
69.7312

 74.3415, 69.0492,
69.7312

464.6833,
457.2045, 478.3692

 55.3659, 50.7518,
50.8320


124.3727,
117.8518, 120.5029

 39.9297, 36.0111,
35.6991


156.1590,
149.1259, 153.2124

 27.6677, 24.4428,
23.9140


192.9461,
185.4942, 191.3624

 18.2145, 15.6624,
15.0583

235.0996,
227.3412, 235.3715

 11.2047, 9.2856,
8.7132

282.9847,
275.0514, 285.6582

 6.2730, 4.9279,
4.4603

336.9668,

 3.0540, 2.2050,

329.0091, 342.6410

1.8811

397.4112,
389.5986, 406.7385

■ 1.1824, 0.7227,
0.4807

■ 0.0924, 0.0000,
0.0000

■ 74.3415, 69.0492,
69.7312

■ 74.3415, 69.0492,
69.7312

■ 66.1242, 56.8477,
53.9416

■ 83.9656, 83.4056,
88.0200

■ 59.2429, 46.6887,
40.5384

95.0500, 100.0000,
108.9000

■ 53.6282, 38.4631,
29.4067

■ 49.2025, 32.0482,
20.4201

■ 45.8794, 27.3069,
13.4402

■ 43.5611, 24.0830,
8.3119

■ 42.1318, 22.1904,
4.8575

■ 41.4154, 21.3303,
2.8532

■ 41.4152, 21.3301,
2.8528

Harmonies

Analogous

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



74.1859, 69.0492, 82.5309



74.3415, 69.0492, 69.7312



72.0883, 69.0492, 59.6020

Triad

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



74.3415, 69.0492, 69.7312



59.9357, 69.0492, 58.6466



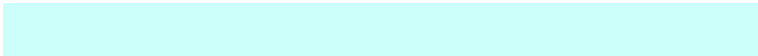
63.1741, 69.0492, 101.2306

Complementary

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



74.3415, 69.0492, 69.7312



77.9196, 91.2607, 103.9547

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.



59.5679, 69.0492, 93.2667



74.3415, 69.0492, 69.7312



57.7571, 69.0492, 68.2844

Square

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



74.3415, 69.0492, 69.7312



63.6970, 69.0492, 53.7082



57.6256, 69.0492, 80.9115



67.6001, 69.0492, 101.7319

Rectangle

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



74.3415, 69.0492, 69.7312



69.5801, 69.0492, 55.3258



57.6256, 69.0492, 80.9115



61.8307, 69.0492, 99.2997

Sweetspot

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



74.3431, 69.0522, 69.7326



88.2187, 89.7664, 96.0519



79.0331, 70.7143, 104.0915



18.7302, 18.9860, 20.2720



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.



74.3431, 69.0522, 69.7326



70.8887, 63.9152, 63.1187



78.9041, 79.1485, 68.2491



18.0816, 18.0160, 19.0471



21.6641, 11.1549, 1.6156



2.1323, 1.0953, 0.2784

Inverse Universe

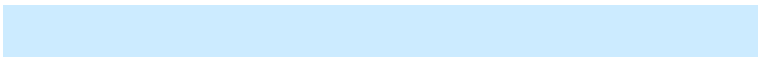
The Inverse Universe completely reimagines the original color for something new.



74.3431, 69.0522, 69.7326



70.8887, 63.9152, 63.1187



72.5482, 79.2475, 106.0803



18.0816, 18.0160, 19.0471



21.6641, 11.1549, 1.6156



2.1323, 1.0953, 0.2784

Previews

White Background



This preview shows how the XYZ color 74.3415, 69.0492, 69.7312 looks on a white background.

Color Contrast Check

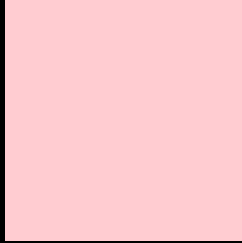
Large Text (above 18pt) WCAG AA × Fail

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 74.3415, 69.0492, 69.7312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

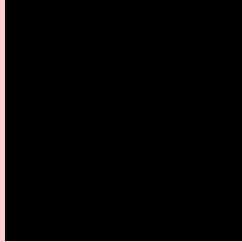
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3415, 69.0492, 69.7312

Background



This preview shows how black text looks on a background with the XYZ color 74.3415, 69.0492, 69.7312.



This preview shows how white text looks on a background with the XYZ color 74.3415, 69.0492,

69.7312.

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

74.3415, 69.0492, 69.7312

Protanopia

66.7693, 69.4418, 74.8502

Deuteranopia

70.7074, 69.3480, 69.3333



Tritanopia

75.2508, 69.0338, 75.6884

Trichromacy



Original Color

74.3415, 69.0492, 69.7312

Protanomaly

69.1580, 69.2147, 72.6655

Deuteranomaly

71.9471, 69.2586, 69.2507

Tritanomaly

74.8617, 68.8782, 73.6392

Monochromacy



Original Color

74.3415, 69.0492, 69.7312

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.0455, 70.3746, 74.8576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3415, 69.0492, 69.7312 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 209) }
```

Border

The CSS property to change the border of an element to XYZ 74.3415, 69.0492, 69.7312 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, 209) }
```


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

```
.border{ border-color:rgb(255, 204, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3415, 69.0492, 69.7312 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
204, 209) }
```

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