

Converting Colors

XYZ(133.7396, 100.0000,
73.4065)

Have a look what the booklet for
XYZ(133.7396, 100.0000, 73.4065)
contains.

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Color

**XYZ(74.7042, 69.5758,
70.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDD2
RGB	255, 205, 210
RGB Percent	100%, 80%, 82%
CMY	0.0000, 0.1961, 0.1765
CMYK	0.00, 0.20, 0.18, 0.00
HSL	354°, 100%, 90%
HSV	354°, 20%, 100%
XYZ	74.7042, 69.5758, 70.4649
YIQ	220.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

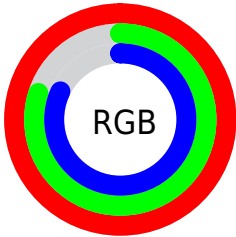
Format	Color
R_{YB}	255, 205, 210
Decimal	16764370
CIE _{Lab}	86.79, 18.38, 4.23
CIE _{LCh}	87, 18.856, 12.951
Yxy	69.5758, 0.3479, 0.3240
Android (android.graphics.Color)	4294954450 (0xFFFFCDD2)
YUV	220.5200, -5.1864, 30.2390
Hunter-Lab	83.4121, 13.8941, 8.3015

Details

The XYZ color **74.7042, 69.5758, 70.4649** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1946, 91.4024, 103.9675**, and the grayscale version is **68.4137, 71.9765, 78.3824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3561, 36.5393, 36.3783** is the 20% darker color. If you saturate the color by 10%, you get **66.4367, 57.2934, 54.5986**, and if you desaturate by 10%, it is **84.3792, 84.0163, 88.8255**.

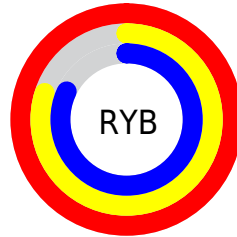
Distribution



Red (100%)

Green (80%)

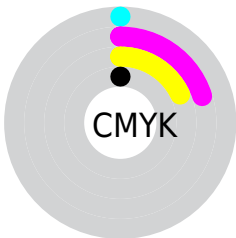
Blue (82%)



Red (100%)

Yellow (80%)

Blue (82%)

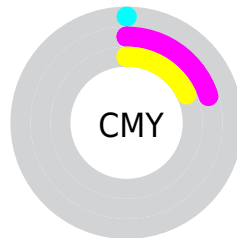


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7042, 69.5758, 70.4649 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 74.7042, 69.5758, 70.4649 by changing the saturation by 10% instead.


 74.7042, 69.5758,
70.4649

 74.7042, 69.5758,
70.4649


465.9131,
459.0592, 481.0138

 55.6639, 51.1808,
51.4265

124.8837,
118.6036, 121.5588

 40.1695, 36.3525,
36.1691

156.7536,
150.0052, 154.4514

 27.8555, 24.7066,
24.2741


193.6308,
186.5111, 192.7991

 18.3567, 15.8586,
15.3230

235.8806,
228.5057, 237.0206

 11.3076, 9.4241,
8.8972

283.8684,
276.3734, 287.5342

 6.3429, 5.0188,
4.5783

337.9595,

 3.0973, 2.2583,

330.4987, 344.7586

1.9477

398.5193,
391.2658, 409.1123

■ 1.2054, 0.7515,
0.5228

■ 0.1107, 0.0000,
0.0000

■ 74.7042, 69.5758,
70.4649

■ 74.7042, 69.5758,
70.4649

■ 66.4367, 57.2934,
54.5986

■ 84.3792, 84.0163,
88.8255

■ 59.5062, 47.0571,
41.1146

95.0500, 100.0000,
108.9000

■ 53.8439, 38.7581,
29.8991

■ 49.3724, 32.2743,
20.8271

■ 46.0060, 27.4695,
13.7613

■ 43.6474, 24.1882,
8.5487

■ 42.1822, 22.2460,
5.0138

■ 41.4417, 21.3582,
2.9383

■ 41.4207, 21.3323,
2.8815

Harmonies

Analogous

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



74.5349, 69.5758, 83.0691



74.7042, 69.5758, 70.4649



72.5041, 69.5758, 60.4455

Triad

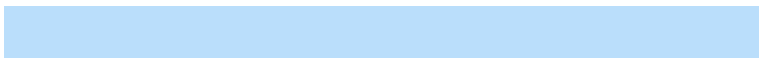
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7042, 69.5758, 70.4649



60.5419, 69.5758, 59.4000



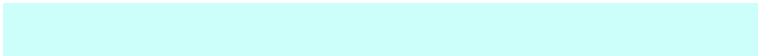
63.6850, 69.5758, 101.3059

Complementary

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



74.7042, 69.5758, 70.4649



78.1946, 91.4024, 103.9675

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.



60.1403, 69.5758, 93.4559



74.7042, 69.5758, 70.4649



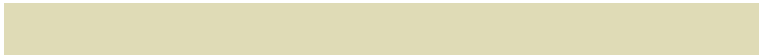
58.3815, 69.5758, 68.8856

Square

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



74.7042, 69.5758, 70.4649



64.2554, 69.5758, 54.5496



58.2378, 69.5758, 81.3060



68.0402, 69.5758, 101.8500

Rectangle

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



74.7042, 69.5758, 70.4649



70.0440, 69.5758, 56.1965



58.2378, 69.5758, 81.3060



62.3640, 69.5758, 99.3975

Sweetspot

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



74.7058, 69.5788, 70.4663



88.2232, 89.7682, 96.0755



79.3074, 71.2097, 104.1726



18.7313, 18.9864, 20.2776



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

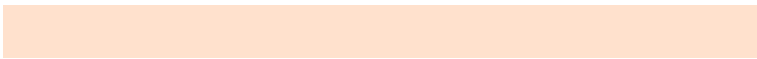
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7058, 69.5788, 70.4663



70.9027, 63.9208, 63.1925



79.1864, 79.5205, 68.9369



18.0831, 18.0166, 19.0548



21.6673, 11.1562, 1.6324



2.1330, 1.0956, 0.2820

Inverse Universe

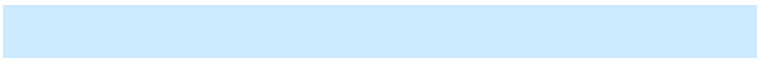
The Inverse Universe completely reimagines the original color for something new.



74.7058, 69.5788, 70.4663



70.9027, 63.9208, 63.1925



72.9376, 79.6181, 106.1313



18.0831, 18.0166, 19.0548



21.6673, 11.1562, 1.6324



2.1330, 1.0956, 0.2820

Previews

White Background



This preview shows how the XYZ color 74.7042, 69.5758, 70.4649 looks on a white background.

Color Contrast Check

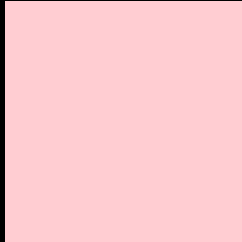
Large Text (above 18pt) WCAG AA × Fail

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 74.7042, 69.5758, 70.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

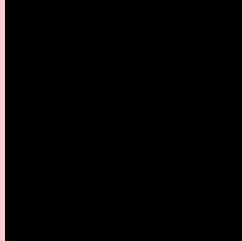
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7042, 69.5758, 70.4649

Background



This preview shows how black text looks on a background with the XYZ color 74.7042, 69.5758, 70.4649.



This preview shows how white text looks on a background with the XYZ color 74.7042, 69.5758,

70.4649.

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

74.7042, 69.5758, 70.4649

Protanopia

67.3317, 70.1132, 74.9502

Deuteranopia

71.1732, 69.5739, 69.9995



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

74.7042, 69.5758, 70.4649

Protanomaly

69.8635, 69.9360, 73.4351

Deuteranomaly

72.4223, 69.4894, 69.9173

Tritanomaly

75.2275, 69.4036, 74.3971

Monochromacy



Original Color

74.7042, 69.5758, 70.4649

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.4291, 70.9343, 75.6253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7042, 69.5758, 70.4649 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, 205, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 210)  
}
```

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, 205, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 210) }
```

Border

The CSS property to change the border of an element to XYZ 74.7042, 69.5758, 70.4649 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, 205, 210) }
```


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

```
.border{ border-color:rgb(255, 205, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7042, 69.5758, 70.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 210) }
```

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

```
.background{ background-color: rgb(255,  
205, 210) }
```

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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