

Converting Colors

XYZ(74.3009, 70.4500, 69.1878)

Have a look what the booklet for
XYZ(74.3009, 70.4500, 69.1878)
contains.

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Color

**XYZ(74.4491, 70.5485,
69.3678)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD0D0
RGB	253, 208, 208
RGB Percent	99%, 82%, 82%
CMY	0.0078, 0.1843, 0.1843
CMYK	0.00, 0.18, 0.18, 0.01
HSL	0°, 92%, 90%
HSV	0°, 18%, 99%
XYZ	74.4491, 70.5485, 69.3678
YIQ	221.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

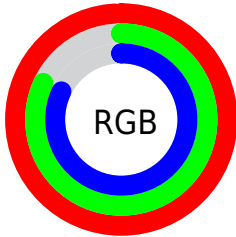
Format	Color
R _Y B	253, 208, 208
Decimal	16634064
CIE Lab	87.27, 15.80, 5.95
CIE LCh	87, 16.879, 20.643
Yxy	70.5485, 0.3473, 0.3291
Android (android.graphics.Color)	4294824144 (0xFFFD0D0)
YUV	221.4550, -6.6333, 27.6650
Hunter-Lab	83.9932, 11.2292, 9.8291

Details

The XYZ color **74.4491, 70.5485, 69.3678** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8666, 90.7501, 106.2890**, and the grayscale version is **69.0807, 72.6782, 79.1466**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1533, 37.1801, 35.6320** is the 20% darker color. If you saturate the color by 10%, you get **65.8980, 58.0362, 52.3658**, and if you desaturate by 10%, it is **84.4844, 85.2331, 89.3156**.

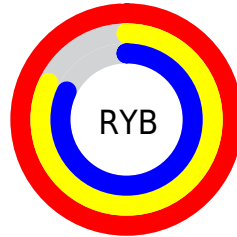
Distribution



Red (99%)

Green (82%)

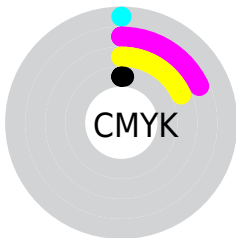
Blue (82%)



Red (99%)

Yellow (82%)

Blue (82%)

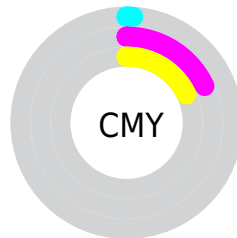


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4491, 70.5485, 69.3678 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 74.4491, 70.5485, 69.3678 by changing the saturation by 10% instead.

 74.4491, 70.5485,
69.3678

 74.4491, 70.5485,
69.3678


465.0483,
462.4735, 477.0561

 55.4543, 51.9738,
50.5377

124.5243,
119.9906, 119.9794

 40.0008, 36.9842,
35.4666


156.3354,
151.6269, 152.5980

 27.7234, 25.1953,
23.7361

193.1493,
188.3857, 190.6498

 18.2566, 16.2226,
14.9276

235.3314,
230.6516, 234.5533

 11.2352, 9.6818,
8.6225

283.2470,
278.8090, 284.7272

 6.2937, 5.1885,
4.4024

337.2614,

 3.0668, 2.3583,

333.2422, 341.5899

1.8486

397.7401,
394.3355, 405.5601

■ 1.1892, 0.8043,
0.4597

■ 0.0978, 0.0000,
0.0000

■ 74.4491, 70.5485,
69.3678

■ 74.4491, 70.5485,
69.3678

■ 65.8980, 58.0362,
52.3658

■ 84.4844, 85.2331,
89.3156

■ 58.7551, 47.5842,
38.1661

94.3183, 99.6228,
108.8658

■ 52.9468, 39.0850,
26.6197

■ 48.3903, 32.4173,
17.5618

■ 44.9935, 27.4467,
10.8098

■ 42.6520, 24.0202,
6.1555

■ 41.2424, 21.9572,
3.3539

■ 40.6001, 21.0172,
2.0777

■ 40.5086, 20.8834,
1.8959

Harmonies

Analogous

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



74.8662, 70.5485, 80.4223



74.4491, 70.5485, 69.3678



72.0090, 70.5485, 61.1310

Triad

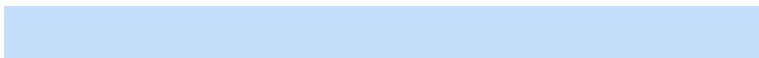
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.4491, 70.5485, 69.3678



61.3272, 70.5485, 63.7773



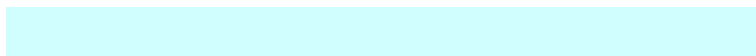
65.8216, 70.5485, 100.4509

Complementary

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



74.4491, 70.5485, 69.3678



78.8666, 90.7501, 106.2890

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.



62.3321, 70.5485, 94.9762



74.4491, 70.5485, 69.3678



59.8055, 70.5485, 73.3178

Square

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



74.4491, 70.5485, 69.3678



64.4007, 70.5485, 58.1312



60.1660, 70.5485, 84.7777



69.7797, 70.5485, 99.1270

Rectangle

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



74.4491, 70.5485, 69.3678



69.6146, 70.5485, 57.9920



60.1660, 70.5485, 84.7777



64.5575, 70.5485, 99.3259

Sweetspot

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



74.4510, 70.5517, 69.3693



89.1316, 91.3398, 97.1340



80.7943, 73.0872, 102.7781



18.9067, 19.3000, 20.4504



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.



74.4510, 70.5517, 69.3693



72.8287, 67.4843, 64.7236



80.3302, 82.3099, 71.3290



18.0096, 17.9874, 18.6670



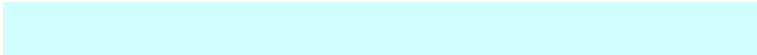
21.5490, 11.1092, 1.0085



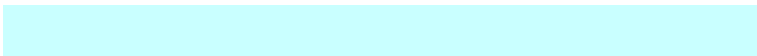
2.0982, 1.0818, 0.0982

Inverse Universe

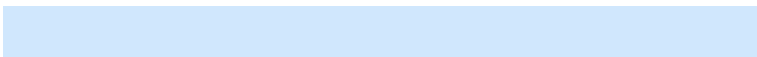
The Inverse Universe completely reimagines the original color for something new.



78.8666, 90.7501, 106.2890



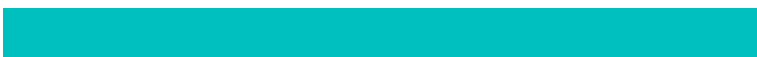
78.0168, 91.2164, 108.1023



72.1791, 77.3750, 104.0598



18.5548, 20.4812, 23.2253



28.1125, 41.1346, 55.8927



2.7373, 4.0052, 5.4421

Previews

White Background



This preview shows how the XYZ color 74.4491, 70.5485, 69.3678 looks on a white background.

Color Contrast Check

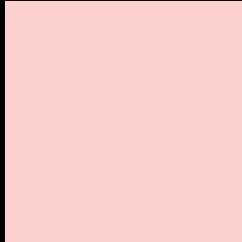
Large Text (above 18pt) WCAG AA × Fail

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 74.4491, 70.5485, 69.3678 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 74.4491, 70.5485, 69.3678

Background



This preview shows how black text looks on a background with the XYZ color 74.4491, 70.5485, 69.3678.



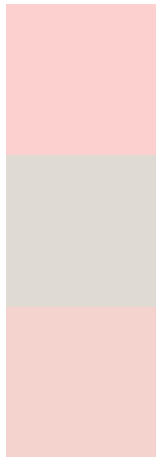
This preview shows how white text looks on a background with the XYZ color 74.4491, 70.5485,

69.3678.

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

74.4491, 70.5485, 69.3678

Protanopia

67.8221, 70.7942, 73.0408

Deuteranopia

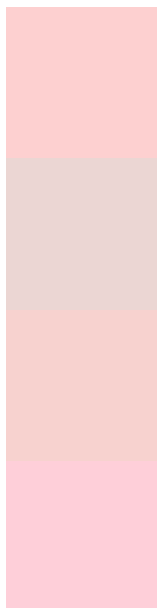
71.8650, 70.3266, 68.8182



Tritanopia

76.4961, 70.6765, 78.7174

Trichromacy



Original Color

74.4491, 70.5485, 69.3678

Protanomaly

70.0654, 70.4585, 71.5350

Deuteranomaly

72.6669, 70.3723, 68.7847

Tritanomaly

75.7103, 70.7062, 75.3029

Monochromacy



Original Color

74.4491, 70.5485, 69.3678

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.5548, 71.3932, 75.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4491, 70.5485, 69.3678 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(253, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(253, 208, 208)  
}
```

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(253, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 74.4491, 70.5485, 69.3678 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(253, 208, 208) }
```


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

```
.border{ border-color:rgb(253, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(253, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4491, 70.5485, 69.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 208, 208) }
```

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

```
.background{ background-color: rgb(253,  
208, 208) }
```

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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