

Converting Colors

XYZ(73.7858, 72.4429, 70.2664)

Have a look what the booklet for
XYZ(73.7858, 72.4429, 70.2664)
contains.

XYZ(73.9130, 72.4707, 70.4142)	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(73.9130, 72.4707,
70.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D6D1
RGB	247, 214, 209
RGB Percent	97%, 84%, 82%
CMY	0.0314, 0.1608, 0.1804
CMYK	0.00, 0.13, 0.15, 0.03
HSL	8°, 70%, 89%
HSV	8°, 15%, 97%
XYZ	73.9130, 72.4707, 70.4142
YIQ	223.2970, 21.2730, 5.4410

Conversions

Conversions Part 2

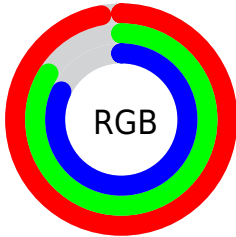
Format	Color
R _Y B	247, 215, 209
Decimal	16242385
CIE Lab	88.19, 10.68, 6.69
CIE LCh	88, 12.603, 32.072
Yxy	72.4707, 0.3409, 0.3343
Android (android.graphics.Color)	4294432465 (0xFFFF7D6D1)
YUV	223.2970, -7.0484, 20.7875
Hunter-Lab	85.1297, 6.0038, 10.5497

Details

The XYZ color **73.9130, 72.4707, 70.4142** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8348, 83.7733, 100.2222**, and the grayscale version is **70.3900, 74.0557, 80.6467**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5497, 38.1100, 36.2818** is the 20% darker color. If you saturate the color by 10%, you get **66.0140, 61.1927, 53.8453**, and if you desaturate by 10%, it is **83.0048, 85.3742, 89.7214**.

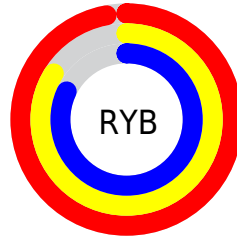
Distribution



Red (97%)

Green (84%)

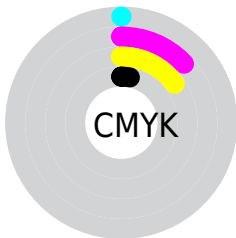
Blue (82%)



Red (97%)

Yellow (84%)

Blue (82%)

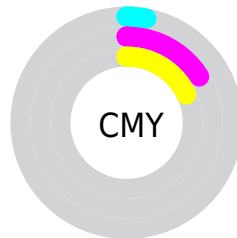


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (3%)



Cyan (3%)


Magenta (16%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9130, 72.4707, 70.4142 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 73.9130, 72.4707, 70.4142 by changing the saturation by 10% instead.


 73.9130, 72.4707,
70.4142

 73.9130, 72.4707,
70.4142


463.2280,
469.1783, 480.8314

 55.0139, 53.5433,
51.3854


123.7686,
122.7255, 121.4859

 39.6467, 38.2366,
36.1366


155.4558,
154.8217, 154.3659

 27.4462, 26.1664,
24.2492


192.1365,
192.0762, 192.7000

 18.0469, 16.9482,
15.3046

234.1758,
234.8735, 236.9067

 11.0836, 10.1975,
8.8845

281.9393,
283.5980, 287.4047

 6.1908, 5.5301,
4.5701

335.7923,

 3.0032, 2.5615,

338.6340, 344.6125

1.9430

396.1000,
400.3660, 408.9485

■ 1.1555, 0.9074,
0.5199

■ 0.0708, 0.0000,
0.0000

■ 73.9130, 72.4707,
70.4142

■ 73.9130, 72.4707,
70.4142

■ 66.0140, 61.1927,
53.8453

■ 83.0048, 85.3742,
89.7214

■ 59.2524, 51.4663,
39.8862

■ 92.1681, 98.5143,
108.7651

■ 53.5772, 43.2264,
28.4049

■ 48.9310, 36.3995,
19.2562

■ 45.2515, 30.9056,
12.2794

■ 42.4690, 26.6570,
7.2938

■ 40.5045, 23.5550,
4.0889

■ 39.2641, 21.4859,
2.4067

■ 38.8890, 20.8361,
1.9721

Harmonies

Analogous

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



74.8405, 72.4707, 78.3094



73.9130, 72.4707, 70.4142



71.6331, 72.4707, 65.1253

Triad

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



73.9130, 72.4707, 70.4142



63.8836, 72.4707, 71.3825



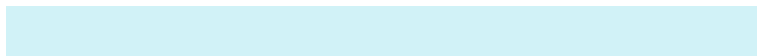
69.0911, 72.4707, 96.6962

Complementary

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



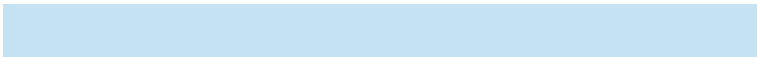
73.9130, 72.4707, 70.4142



74.8348, 83.7733, 100.2222

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.



66.2007, 72.4707, 94.5103



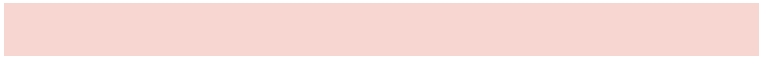
73.9130, 72.4707, 70.4142



63.2470, 72.4707, 79.5102

Square

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



73.9130, 72.4707, 70.4142



65.8477, 72.4707, 65.6550



64.0832, 72.4707, 88.0594



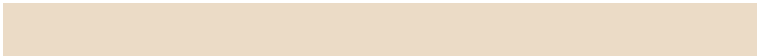
72.0065, 72.4707, 93.8348

Rectangle

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



73.9130, 72.4707, 70.4142



69.6842, 72.4707, 63.5756



64.0832, 72.4707, 88.0594



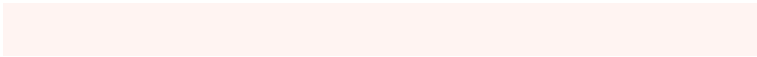
68.0844, 72.4707, 96.5269

Sweetspot

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



73.9150, 72.4739, 70.4157



89.6339, 92.3445, 97.3015



77.2714, 71.8210, 94.2424



19.0282, 19.5431, 20.4909



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

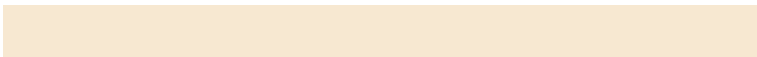
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9150, 72.4739, 70.4157



77.0983, 74.5430, 70.7113



78.8461, 82.3361, 72.0594



16.6750, 16.8342, 17.1680



20.6235, 11.1326, 1.0618



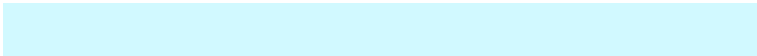
1.8668, 1.0868, 0.1114

Inverse Universe

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



74.8348, 83.7733, 100.2222



78.2347, 88.5136, 107.5692



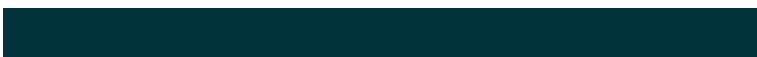
69.6233, 73.3504, 98.4850



16.7997, 18.3636, 21.2017



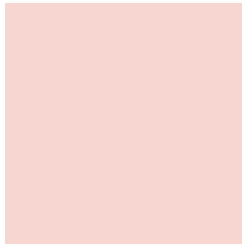
21.7351, 29.2639, 51.0410



1.9610, 2.6734, 4.5029

Previews

White Background



This preview shows how the XYZ color 73.9130, 72.4707, 70.4142 looks on a white background.

Color Contrast Check

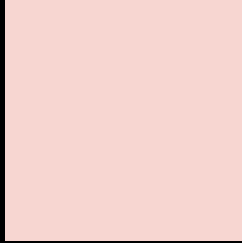
Large Text (above 18pt) WCAG AA × Fail

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 73.9130, 72.4707, 70.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

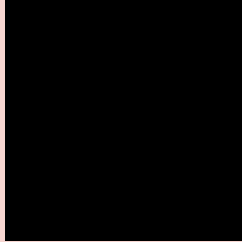
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.9130, 72.4707, 70.4142

Background



This preview shows how black text looks on a background with the XYZ color 73.9130, 72.4707, 70.4142.



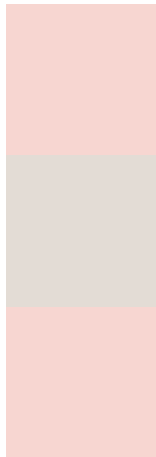
This preview shows how white text looks on a background with the XYZ color 73.9130, 72.4707,

70.4142.

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

73.9130, 72.4707, 70.4142

Protanopia

69.2820, 72.3214, 73.2587

Deuteranopia

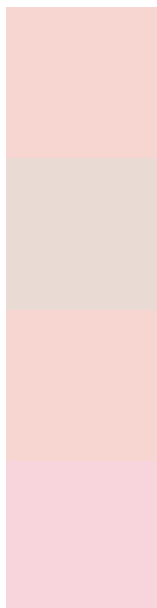
73.9130, 72.4707, 70.4142



Tritanopia

76.3648, 72.3297, 83.3350

Trichromacy



Original Color

73.9130, 72.4707, 70.4142

Protanomaly

70.8868, 72.3887, 72.5236

Deuteranomaly

73.9130, 72.4707, 70.4142

Tritanomaly

75.3060, 72.2639, 78.3859

Monochromacy



Original Color

73.9130, 72.4707, 70.4142

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.5268, 73.4042, 76.7282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9130, 72.4707, 70.4142 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(247, 214, 209) looks like.

```
.text, #text, p{  
    color:rgb(247, 214, 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(247, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 214, 209) }
```

Border

The CSS property to change the border of an element to XYZ 73.9130, 72.4707, 70.4142 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(247, 214, 209) }
```


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

```
.border{ border-color:rgb(247, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(247, 214,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9130, 72.4707, 70.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 214, 209) }
```

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

```
.background{ background-color: rgb(247,  
214, 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