

Converting Colors

XYZ(73.7308, 70.4376, 69.8655)

Have a look what the booklet for
XYZ(73.7308, 70.4376, 69.8655)
contains.

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Color

**XYZ(73.7334, 70.5284,
70.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1D1
RGB	250, 209, 209
RGB Percent	98%, 82%, 82%
CMY	0.0196, 0.1804, 0.1804
CMYK	0.00, 0.16, 0.16, 0.02
HSL	0°, 80%, 90%
HSV	0°, 16%, 98%
XYZ	73.7334, 70.5284, 70.0488
YIQ	221.2590, 24.4360, 8.6920

Conversions

Conversions Part 2

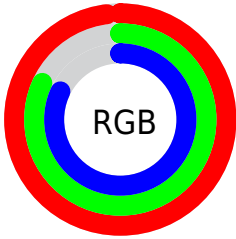
Format	Color
R _Y B	250, 209, 209
Decimal	16437713
CIE Lab	87.26, 14.36, 5.37
CIE LCh	87, 15.328, 20.517
Yxy	70.5284, 0.3440, 0.3291
Android (android.graphics.Color)	4294627793 (0xFFFAD1D1)
YUV	221.2590, -6.0437, 25.2059
Hunter-Lab	83.9812, 9.7515, 9.3330

Details

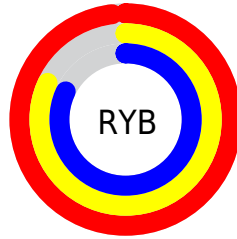
The XYZ color **73.7334, 70.5284, 70.0488** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.7347, 88.8264, 103.4911**, and the grayscale version is **68.9399, 72.5302, 78.9853**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4643, 36.8152, 36.0364** is the 20% darker color. If you saturate the color by 10%, you get **65.2188, 58.0695, 53.1193**, and if you desaturate by 10%, it is **83.6999, 85.1123, 89.8600**.

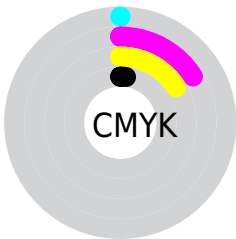
Distribution



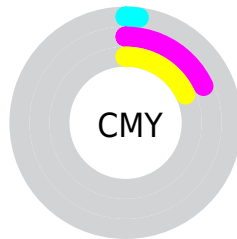
- Red (98%)
- Green (82%)
- Blue (82%)



- Red (98%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7334, 70.5284, 70.0488 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 73.7334, 70.5284, 70.0488 by changing the saturation by 10% instead.


 73.7334, 70.5284,
70.0488

 73.7334, 70.5284,
70.0488

462.6173,
462.4031, 479.5151

 54.8664, 51.9574,
51.0893


123.5153,
119.9620, 120.9601

 39.5282, 36.9711,
35.9024


155.1610,
151.5934, 153.7490

 27.3534, 25.1851,
24.0698


191.7968,
188.3470, 191.9847

 17.9768, 16.2151,
15.1727

233.7883,
230.6074, 236.0858

 11.0329, 9.6765,
8.7927

281.5007,
278.7587, 286.4709

 6.1564, 5.1850,
4.5113

335.2995,

 2.9820, 2.3562,

333.1856, 343.5584

1.9098

395.5498,
394.2722, 407.7670

■ 1.1442, 0.8032,
0.4990

■ 0.0617, 0.0000,
0.0000

■ 73.7334, 70.5284,
70.0488

■ 73.7334, 70.5284,
70.0488

■ 65.2188, 58.0695,
53.1193

■ 83.6999, 85.1123,
89.8600

■ 58.0828, 47.6276,
38.9333

■ 93.2346, 99.0641,
108.8150

■ 52.2548, 39.0996,
27.3476

■ 47.6554, 32.3692,
18.2045

■ 44.1967, 27.3080,
11.3293

■ 41.7791, 23.7701,
6.5239

■ 40.2861, 21.5851,
3.5565

■ 39.5719, 20.5398,
2.1374

■ 39.4249, 20.3247,
1.8451

Harmonies

Analogous

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



74.1013, 70.5284, 80.1080



73.7334, 70.5284, 70.0488



71.5362, 70.5284, 62.4786

Triad

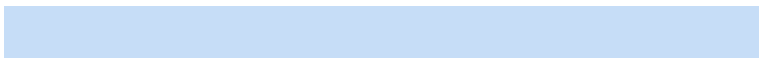
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7334, 70.5284, 70.0488



61.8303, 70.5284, 64.8588



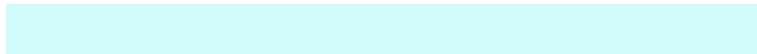
65.9005, 70.5284, 98.0669

Complementary

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



73.7334, 70.5284, 70.0488



77.7347, 88.8264, 103.4911

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.



62.7269, 70.5284, 93.1431



73.7334, 70.5284, 70.0488



60.4331, 70.5284, 73.5716

Square

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



73.7334, 70.5284, 70.0488



64.6368, 70.5284, 59.6736



60.7553, 70.5284, 83.9577



69.4921, 70.5284, 96.9095

Rectangle

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



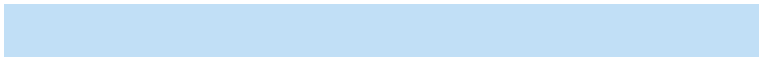
73.7334, 70.5284, 70.0488



69.3718, 70.5284, 59.5701



60.7553, 70.5284, 83.9577



64.7515, 70.5284, 97.0526

Sweetspot

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



73.7353, 70.5316, 70.0503



89.1316, 91.3399, 97.1340



79.4808, 72.8280, 100.3111



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.



73.7353, 70.5316, 70.0503



73.7333, 68.8081, 66.5219



79.0915, 81.2440, 71.8357



17.2448, 17.2255, 17.8784



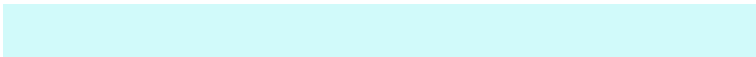
20.9121, 10.7810, 0.9787



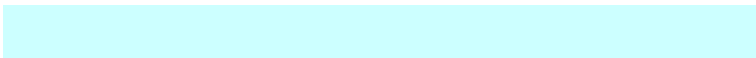
1.9369, 0.9986, 0.0907

Inverse Universe

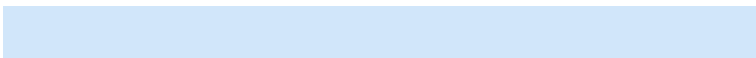
The Inverse Universe completely reimagines the original color for something new.



77.7347, 88.8264, 103.4911



78.7100, 91.5737, 108.1348



71.7085, 76.7740, 101.4824



17.7657, 19.6083, 22.2337



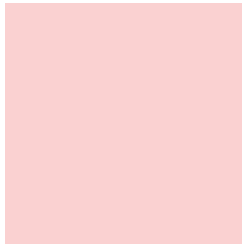
27.2813, 39.9182, 54.2407



2.5268, 3.6972, 5.0236

Previews

White Background



This preview shows how the XYZ color 73.7334, 70.5284, 70.0488 looks on a white background.

Color Contrast Check

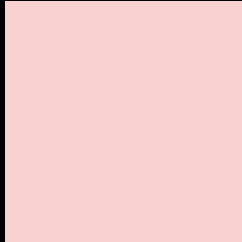
Large Text (above 18pt) WCAG AA × Fail

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 73.7334, 70.5284, 70.0488 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 73.7334, 70.5284, 70.0488

Background



This preview shows how black text looks on a background with the XYZ color 73.7334, 70.5284, 70.0488.



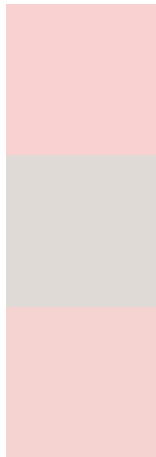
This preview shows how white text looks on a background with the XYZ color 73.7334, 70.5284,

70.0488.

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

73.7334, 70.5284, 70.0488

Protanopia

67.9495, 70.8451, 73.7115

Deuteranopia

72.1111, 70.4251, 70.1143



Tritanopia

75.7770, 70.6488, 79.4547

Trichromacy



Original Color

73.7334, 70.5284, 70.0488

Protanomaly

69.7884, 70.6780, 72.2513

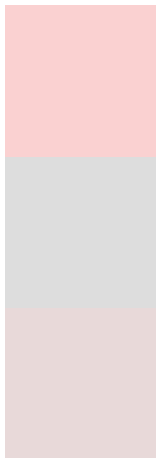
Deuteranomaly

72.5613, 70.2895, 70.0644

Tritanomaly

74.9944, 70.6829, 76.0202

Monochromacy



Original Color

73.7334, 70.5284, 70.0488

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6160, 71.7913, 75.7809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7334, 70.5284, 70.0488 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(250, 209, 209) looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 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(250, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 73.7334, 70.5284, 70.0488 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(250, 209, 209) }
```


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

```
.border{ border-color:rgb(250, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7334, 70.5284, 70.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 209) }
```

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

```
.background{ background-color: rgb(250,  
209, 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](#).

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