

Converting Colors

XYZ(73.7464, 70.8861, 70.7683)

Have a look what the booklet for
XYZ(73.7464, 70.8861, 70.7683)
contains.

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Color

**XYZ(73.7464, 70.8861,
70.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D2D2
RGB	249, 210, 210
RGB Percent	98%, 82%, 82%
CMY	0.0235, 0.1764, 0.1765
CMYK	0.00, 0.16, 0.16, 0.02
HSL	0°, 76%, 90%
HSV	0°, 16%, 98%
XYZ	73.7464, 70.8861, 70.7683
YIQ	221.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

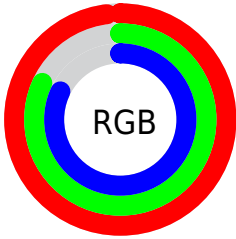
Format	Color
R _Y B	249, 210, 210
Decimal	16372434
CIE Lab	87.43, 13.63, 5.08
CIE LCh	87, 14.549, 20.452
Yxy	70.8861, 0.3424, 0.3291
Android (android.graphics.Color)	4294562514 (0xFFFF9D2D2)
YUV	221.6610, -5.7489, 23.9763
Hunter-Lab	84.1939, 9.0109, 9.1001

Details

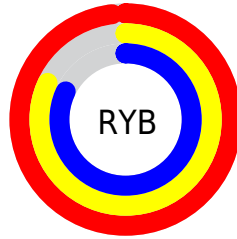
The XYZ color **73.7464, 70.8861, 70.7683** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5523, 88.2905, 102.5776**, and the grayscale version is **69.2215, 72.8264, 79.3080**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4603, 37.0495, 36.5240** is the 20% darker color. If you saturate the color by 10%, you get **65.2066, 58.3905, 53.7888**, and if you desaturate by 10%, it is **83.7290, 85.4936, 90.6117**.

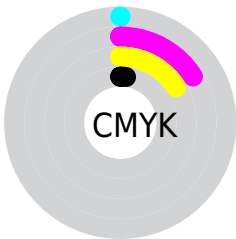
Distribution



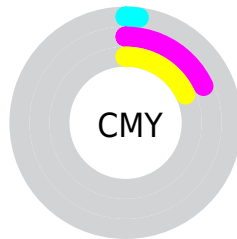
- Red (98%)
- Green (82%)
- Blue (82%)



- 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 73.7464, 70.8861, 70.7683 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 73.7464, 70.8861, 70.7683 by changing the saturation by 10% instead.


 73.7464, 70.8861,
70.7683

 73.7464, 70.8861,
70.7683


462.6615,
463.6552, 482.1049

 54.8770, 52.2493,
51.6725


123.5337,
120.4715, 121.9951

 39.5367, 37.2038,
36.3636

155.1823,
152.1889, 154.9632

 27.3601, 25.3653,
24.4232


191.8214,
189.0352, 193.3924

 17.9819, 16.3494,
15.4328

233.8164,
231.3949, 237.7014

 11.0366, 9.7718,
8.9737

281.5325,
279.6524, 288.3085

 6.1589, 5.2479,
4.6275

335.3351,

 2.9835, 2.3934,

334.1920, 345.6325

1.9755

395.5897,
395.3981, 410.0917

■ 1.1451, 0.8225,
0.5401

■ 0.0623, 0.0000,
0.0000

■ 73.7464, 70.8861,
70.7683

■ 73.7464, 70.8861,
70.7683

■ 65.2066, 58.3905,
53.7888

■ 83.7290, 85.4936,
90.6117

■ 58.0376, 47.9001,
39.5368

■ 92.8772, 98.8799,
108.7983

■ 52.1696, 39.3135,
27.8717

■ 47.5247, 32.5166,
18.6381

■ 44.0165, 27.3830,
11.6646

■ 41.5475, 23.7699,
6.7570

■ 40.0037, 21.5107,
3.6888

■ 39.2442, 20.3990,
2.1796

■ 39.0675, 20.1405,
1.8284

Harmonies

Analogous

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



74.0915, 70.8861, 80.3589



73.7464, 70.8861, 70.7683



71.6629, 70.8861, 63.5134

Triad

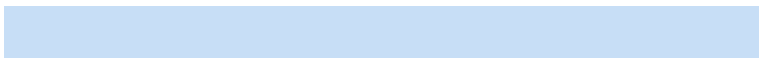
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7464, 70.8861, 70.7683



62.4158, 70.8861, 65.7686



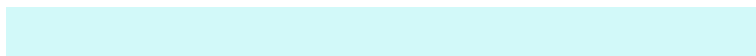
66.2869, 70.8861, 97.3512

Complementary

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



73.7464, 70.8861, 70.7683



77.5523, 88.2905, 102.5776

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.



63.2618, 70.8861, 92.6852



73.7464, 70.8861, 70.7683



61.0774, 70.8861, 74.0917

Square

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



73.7464, 70.8861, 70.7683



65.0964, 70.8861, 60.8013



61.3818, 70.8861, 83.9739



69.7064, 70.8861, 96.2706

Rectangle

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



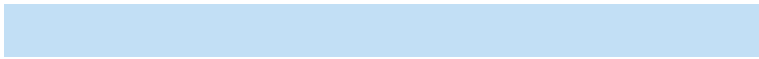
73.7464, 70.8861, 70.7683



69.6063, 70.8861, 60.7144



61.3818, 70.8861, 83.9739



65.1921, 70.8861, 96.3888

Sweetspot

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



73.7484, 70.8893, 70.7698



89.1316, 91.3399, 97.1340



79.2132, 73.0734, 99.5528



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

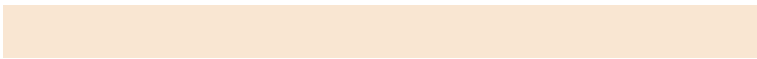
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7484, 70.8893, 70.7698



74.6528, 70.1536, 68.3498



78.8585, 81.1095, 72.4732



17.2449, 17.2256, 17.8784



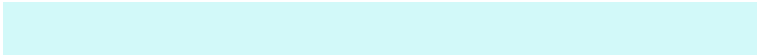
20.9122, 10.7810, 0.9787



1.9369, 0.9986, 0.0907

Inverse Universe

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



77.5523, 88.2905, 102.5776



79.4148, 91.9371, 108.1678



71.8360, 76.8578, 100.6721



17.7657, 19.6083, 22.2337



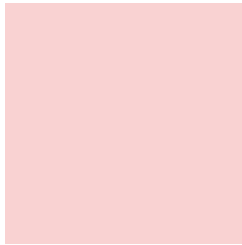
27.2812, 39.9179, 54.2406



2.5268, 3.6972, 5.0236

Previews

White Background



This preview shows how the XYZ color 73.7464, 70.8861, 70.7683 looks on a white background.

Color Contrast Check

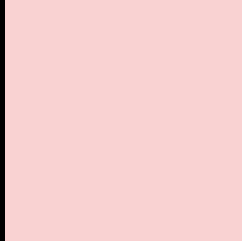
Large Text (above 18pt) WCAG AA × Fail

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 73.7464, 70.8861, 70.7683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

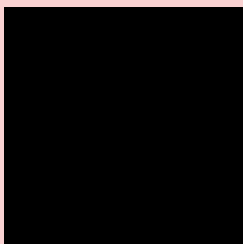
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

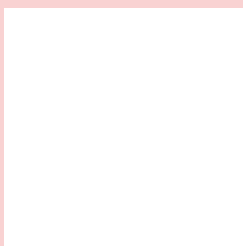
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7464, 70.8861, 70.7683

Background



This preview shows how black text looks on a background with the XYZ color 73.7464, 70.8861, 70.7683.



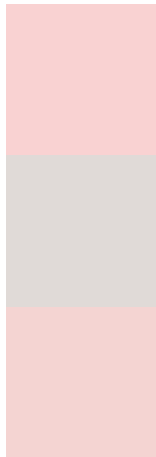
This preview shows how white text looks on a background with the XYZ color 73.7464, 70.8861,

70.7683.

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

73.7464, 70.8861, 70.7683

Protanopia

68.0776, 70.8964, 74.3863

Deuteranopia

72.4846, 70.9732, 70.8516



Tritanopia

75.7941, 71.0028, 80.2311

Trichromacy



Original Color

73.7464, 70.8861, 70.7683

Protanomaly

69.9150, 70.7286, 72.9179

Deuteranomaly

72.9332, 70.8345, 70.8012

Tritanomaly

75.0110, 71.0394, 76.7763

Monochromacy



Original Color

73.7464, 70.8861, 70.7683

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.0050, 72.3606, 76.5543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7464, 70.8861, 70.7683 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(249, 210, 210) looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 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(249, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 210) }
```

Border

The CSS property to change the border of an element to XYZ 73.7464, 70.8861, 70.7683 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(249, 210, 210) }
```


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

```
.border{ border-color:rgb(249, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7464, 70.8861, 70.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 210) }
```

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

```
.background{ background-color: rgb(249,  
210, 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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