

Converting Colors

XYZ(74.7323, 70.3125, 68.3763)

Have a look what the booklet for
XYZ(74.7323, 70.3125, 68.3763)
contains.

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Color

**XYZ(74.8153, 70.3906,
68.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFCF
RGB	255, 207, 207
RGB Percent	100%, 81%, 81%
CMY	0.0000, 0.1882, 0.1882
CMYK	0.00, 0.19, 0.19, 0.00
HSL	0°, 100%, 91%
HSV	0°, 19%, 100%
XYZ	74.8153, 70.3906, 68.6750
YIQ	221.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

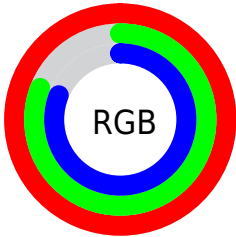
Format	Color
R _Y B	255, 207, 207
Decimal	16764879
CIE Lab	87.19, 16.88, 6.39
CIE LCh	87, 18.052, 20.740
Yxy	70.3906, 0.3498, 0.3291
Android (android.graphics.Color)	4294954959 (0xFFFFCF CF)
YUV	221.3520, -7.0755, 29.5093
Hunter-Lab	83.8991, 12.3503, 10.1980

Details

The XYZ color **74.8153, 70.3906, 68.6750** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5410, 92.0026, 108.1738**, and the grayscale version is **69.0101, 72.6040, 79.0657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4297, 37.0881, 35.1648** is the 20% darker color. If you saturate the color by 10%, you get **66.2595, 57.8718, 51.6644**, and if you desaturate by 10%, it is **84.8754, 85.1119, 88.6727**.

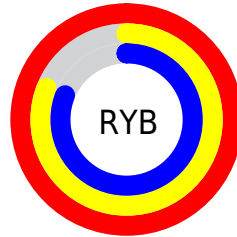
Distribution



Red (100%)

Green (81%)

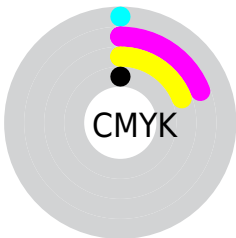
Blue (81%)



Red (100%)

Yellow (81%)

Blue (81%)

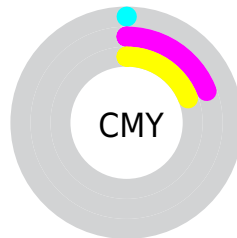


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8153, 70.3906, 68.6750 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 74.8153, 70.3906, 68.6750 by changing the saturation by 10% instead.


 74.8153, 70.3906,
68.6750

 74.8153, 70.3906,
68.6750


466.2895,
461.9203, 474.5467

 55.7552, 51.8450,
49.9770

125.0402,
119.7656, 118.9806

 40.2429, 36.8816,
35.0240


156.9357,
151.3638, 151.4252

 27.9131, 25.1158,
23.3977


193.8404,
188.0818, 189.2891

 18.4003, 16.1634,
14.6794

236.1197,
230.3037, 232.9908

 11.3392, 9.6398,
8.4506

284.1389,
278.4142, 282.9489

 6.3644, 5.1608,
4.2927

338.2633,

 3.1107, 2.3419,

332.7975, 339.5819

1.7873

398.8584,
393.8381, 403.3083

■ 1.2126, 0.7958,
0.4195

■ 0.1162, 0.0000,
0.0000

■ 74.8153, 70.3906,
68.6750

■ 74.8153, 70.3906,
68.6750

■ 66.2595, 57.8718,
51.6644

■ 84.8754, 85.1119,
88.6727

■ 59.1312, 47.4410,
37.4936

95.0500, 100.0000,
108.9000

■ 53.3541, 38.9874,
26.0092

■ 48.8431, 32.3864,
17.0419

■ 45.5031, 27.4989,
10.4027

■ 43.2260, 24.1666,
5.8766

■ 41.8834, 22.2018,
3.2082

■ 41.2893, 21.3323,
2.0275

■ 41.2403, 21.2605,
1.9301

Harmonies

Analogous

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



75.2706, 70.3906, 80.4593



74.8153, 70.3906, 68.6750



72.1930, 70.3906, 59.9614

Triad

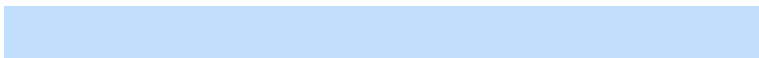
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8153, 70.3906, 68.6750



60.7929, 70.3906, 62.8068



65.6018, 70.3906, 102.0523

Complementary

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



74.8153, 70.3906, 68.6750



79.5410, 92.0026, 108.1738

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.



61.8801, 70.3906, 96.1637



74.8153, 70.3906, 68.6750



59.1819, 70.3906, 72.9500

Square

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



74.8153, 70.3906, 68.6750



64.0607, 70.3906, 56.8300



59.5713, 70.3906, 85.2055



69.8306, 70.3906, 100.5976

Rectangle

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



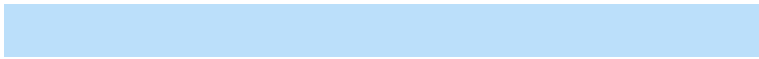
74.8153, 70.3906, 68.6750



69.6274, 70.3906, 56.6614



59.5713, 70.3906, 85.2055



64.2528, 70.3906, 100.8447

Sweetspot

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



74.8170, 70.3937, 68.6765



87.9959, 89.6780, 94.8763



81.6032, 73.1063, 104.4177



18.6778, 18.9652, 19.9955



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

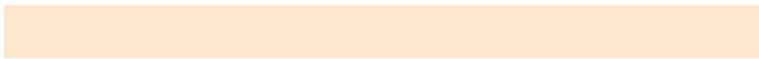
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8170, 70.3937, 68.6765



71.0640, 64.9020, 61.2155



81.0788, 82.9173, 70.7637



18.0096, 17.9874, 18.6670



21.5490, 11.1092, 1.0085



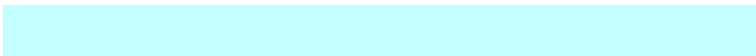
2.0982, 1.0818, 0.0982

Inverse Universe

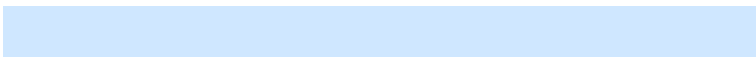
The Inverse Universe completely reimagines the original color for something new.



79.5410, 92.0026, 108.1738



76.6643, 90.5191, 108.0390



72.3586, 77.6378, 105.7796



18.5548, 20.4812, 23.2253



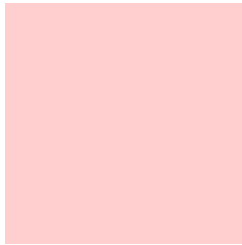
28.1128, 41.1353, 55.8928



2.7373, 4.0053, 5.4421

Previews

White Background



This preview shows how the XYZ color 74.8153, 70.3906, 68.6750 looks on a white background.

Color Contrast Check

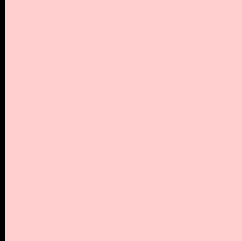
Large Text (above 18pt) WCAG AA × Fail

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 74.8153, 70.3906, 68.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

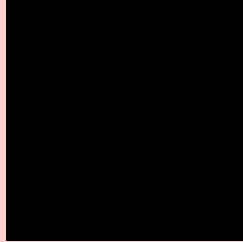
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8153, 70.3906, 68.6750

Background



This preview shows how black text looks on a background with the XYZ color 74.8153, 70.3906, 68.6750.



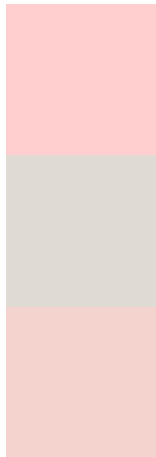
This preview shows how white text looks on a background with the XYZ color 74.8153, 70.3906, 68.6750.

68.6750.

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

74.8153, 70.3906, 68.6750

Protanopia

67.8221, 70.7942, 73.0408

Deuteranopia

71.7431, 70.2779, 68.1762



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

74.8153, 70.3906, 68.6750

Protanomaly

70.0654, 70.4585, 71.5350

Deuteranomaly

72.8986, 70.5059, 68.1593

Tritanomaly

75.7060, 70.3605, 74.5565

Monochromacy



Original Color

74.8153, 70.3906, 68.6750

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 74.8153, 70.3906, 68.6750 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, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 207)  
}
```

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, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 74.8153, 70.3906, 68.6750 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, 207, 207) }
```


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

```
.border{ border-color:rgb(255, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8153, 70.3906, 68.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 207) }
```

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

```
.background{ background-color: rgb(255,  
207, 207) }
```

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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