

Converting Colors

XYZ(140.9791, 107.3361,
71.8555)

Have a look what the booklet for
XYZ(140.9791, 107.3361, 71.8555)
contains.

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Color

**XYZ(76.6810, 74.3171,
68.6956)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFD7CE |
| RGB | 255, 215, 206 |
| RGB Percent | 100%, 84%, 81% |
| CMY | 0.0000, 0.1568, 0.1922 |
| CMYK | 0.00, 0.16, 0.19, 0.00 |
| HSL | 11°, 100%, 90% |
| HSV | 11°, 19%, 100% |
| XYZ | 76.6810, 74.3171, 68.6956 |
| YIQ | 225.9340, 26.7290, 5.6810 |

Conversions

Conversions Part 2

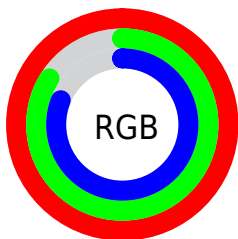
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 217, 206 |
| Decimal | 16766926 |
| CIE Lab | 89.07, 12.57, 9.62 |
| CIE LCh | 89, 15.829, 37.444 |
| Yxy | 74.3171, 0.3490, 0.3383 |
| Android (android.graphics.Color) | 4294957006 (0xFFFFD7CE) |
| YUV | 225.9340, -9.8275, 25.4909 |
| Hunter-Lab | 86.2074, 7.9119, 13.0991 |

Details

The XYZ color **76.6810, 74.3171, 68.6956** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4584, 86.2507, 107.2260**, and the grayscale version is **72.2978, 76.0630, 82.8326**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5270, 39.4144, 35.1248** is the 20% darker color. If you saturate the color by 10%, you get **68.8641, 63.2451, 52.0264**, and if you desaturate by 10%, it is **85.6784, 86.9452, 88.2396**.

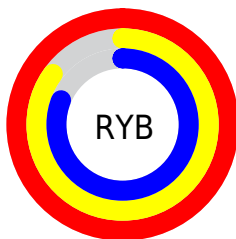
Distribution



Red (100%)

Green (84%)

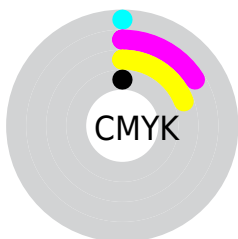
Blue (81%)



Red (100%)

Yellow (85%)

Blue (81%)

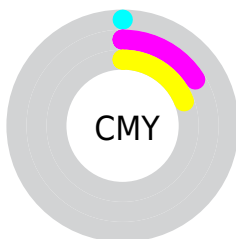


Cyan (0%)

Magenta (16%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6810, 74.3171, 68.6956 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 76.6810, 74.3171, 68.6956 by changing the saturation by 10% instead.


 76.6810, 74.3171,
68.6956

 76.6810, 74.3171,
68.6956


472.5843,
475.5671, 474.6215

 57.2901, 55.0536,
49.9936


127.6643,
125.3452, 119.0103

 41.4792, 39.4446,
35.0372


159.9875,
157.8786, 151.4601

 28.8831, 27.1058,
23.4077


197.3520,
195.6042, 189.3296

 19.1362, 17.6527,
14.6867

240.1235,
238.9062, 233.0374

 11.8733, 10.7009,
8.4557

288.6670,
288.1691, 283.0019

 6.7291, 5.8661,
4.2959

343.3481,

 3.3381, 2.7638,

343.7773, 339.6417

1.7891

404.5321,
406.1151, 403.3754

■ 1.3350, 1.0097,
0.4207

■ 0.2092, 0.0000,
0.0000

■ 76.6810, 74.3171,
68.6956

■ 76.6810, 74.3171,
68.6956

■ 68.8641, 63.2451,
52.0264

■ 85.6784, 86.9452,
88.2396

■ 62.1728, 53.6592,
38.0914

95.0500, 100.0000,
108.9000

■ 56.5560, 45.4987,
26.7454

■ 51.9563, 38.6946,
17.8275

■ 48.3108, 33.1725,
11.1590

■ 45.5492, 28.8503,
6.5363

■ 43.5909, 25.6359,
3.7183

■ 42.3283, 23.4191,
2.3469

■ 42.2510, 23.2821,
2.2670

Harmonies

Analogous

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



78.2374, 74.3171, 78.2015



76.6810, 74.3171, 68.6956



73.5153, 74.3171, 62.8683

Triad

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



76.6810, 74.3171, 68.6956



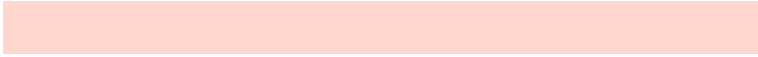
64.0148, 74.3171, 73.0522



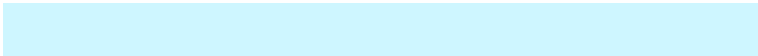
71.6001, 74.3171, 103.8257

Complementary

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



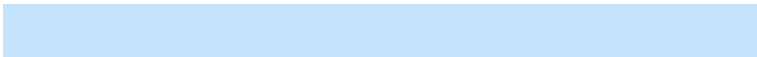
76.6810, 74.3171, 68.6956



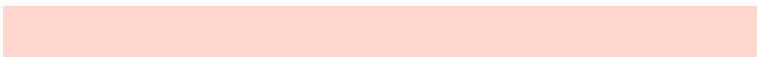
76.4584, 86.2507, 107.2260

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.



67.8332, 74.3171, 102.1303



76.6810, 74.3171, 68.6956



63.5439, 74.3171, 83.6981

Square

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



76.6810, 74.3171, 68.6956



66.2283, 74.3171, 65.2196



64.9177, 74.3171, 94.5119



75.2355, 74.3171, 98.9543

Rectangle

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



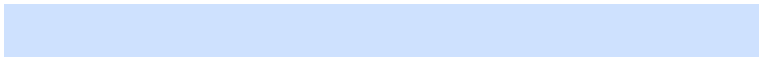
76.6810, 74.3171, 68.6956



70.9669, 74.3171, 61.5247



64.9177, 74.3171, 94.5119



70.3064, 74.3171, 104.0120

Sweetspot

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



76.6828, 74.3203, 68.6971



88.8283, 91.3428, 95.1538



79.9488, 72.0582, 96.8973



18.8737, 19.3570, 20.0608



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

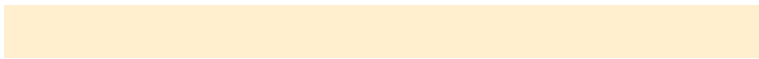
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6828, 74.3203, 68.6971



73.5876, 69.9494, 62.0568



83.3891, 87.7330, 70.9326



18.2793, 18.5269, 18.7569



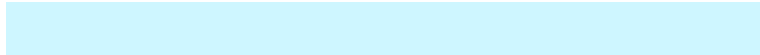
22.1542, 12.3195, 1.2103



2.2262, 1.3377, 0.1409

Inverse Universe

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



76.4584, 86.2507, 107.2260



73.3235, 83.8376, 106.9255



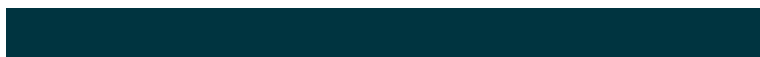
69.4974, 72.3288, 104.9057



18.2543, 19.8803, 23.1251



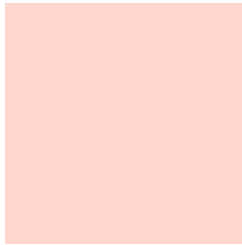
21.3373, 27.5842, 53.6343



2.1478, 2.8264, 5.2456

Previews

White Background



This preview shows how the XYZ color 76.6810, 74.3171, 68.6956 looks on a white background.

Color Contrast Check

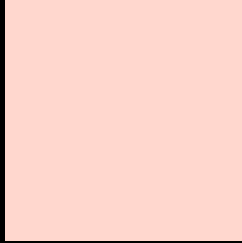
Large Text (above 18pt) WCAG AA × Fail

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 76.6810, 74.3171, 68.6956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

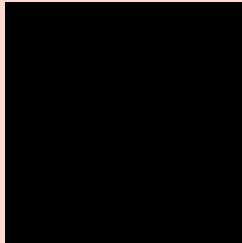
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6810, 74.3171, 68.6956

Background



This preview shows how black text looks on a background with the XYZ color 76.6810, 74.3171, 68.6956.



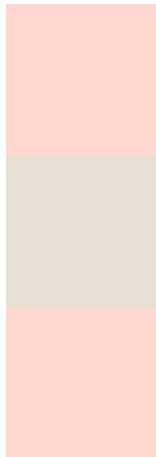
This preview shows how white text looks on a background with the XYZ color 76.6810, 74.3171,

68.6956.

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

76.6810, 74.3171, 68.6956

Protanopia

70.9755, 74.4174, 71.5960

Deuteranopia

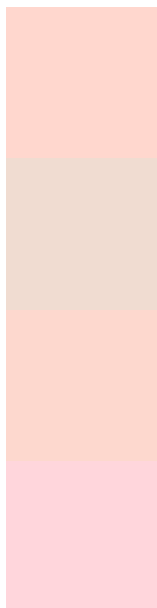
75.8413, 74.2634, 68.7295



Tritanopia

79.0378, 74.4499, 83.6033

Trichromacy



Original Color

76.6810, 74.3171, 68.6956

Protanomaly

73.0370, 74.3151, 70.8164

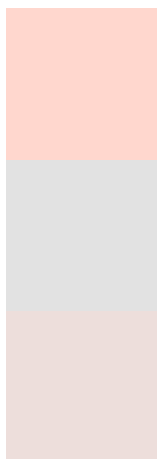
Deuteranomaly

76.2045, 74.4506, 68.7465

Tritanomaly

78.2048, 74.5204, 77.9722

Monochromacy



Original Color

76.6810, 74.3171, 68.6956

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.8325, 75.3616, 77.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6810, 74.3171, 68.6956 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, 215, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 206)  
}
```

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, 215, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 206) }
```

Border

The CSS property to change the border of an element to XYZ 76.6810, 74.3171, 68.6956 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, 215, 206) }
```


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

```
.border{ border-color:rgb(255, 215, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6810, 74.3171, 68.6956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 206) }
```

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

```
.background{ background-color: rgb(255,  
215, 206) }
```

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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