

Converting Colors

XYZ(78.1235, 76.5934, 71.0530)

Have a look what the booklet for
XYZ(78.1235, 76.5934, 71.0530)
contains.

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Color

**XYZ(78.0801, 76.5265,
70.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBD1
RGB	255, 219, 209
RGB Percent	100%, 86%, 82%
CMY	0.0000, 0.1412, 0.1804
CMYK	0.00, 0.14, 0.18, 0.00
HSL	13°, 100%, 91%
HSV	13°, 18%, 100%
XYZ	78.0801, 76.5265, 70.9774
YIQ	228.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

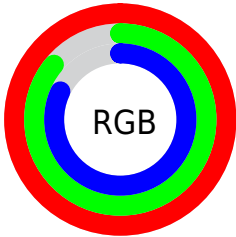
Format	Color
R _Y B	255, 222, 209
Decimal	16767953
CIE Lab	90.10, 10.94, 9.52
CIE LCh	90, 14.502, 41.047
Yxy	76.5265, 0.3461, 0.3392
Android (android.graphics.Color)	4294958033 (0xFFFFDBD1)
YUV	228.6240, -9.6746, 23.1318
Hunter-Lab	87.4794, 6.2319, 13.1300

Details

The XYZ color **78.0801, 76.5265, 70.9774** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.9959, 86.0775, 107.1642**, and the grayscale version is **74.2577, 78.1248, 85.0780**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4806, 40.9232, 36.6704** is the 20% darker color. If you saturate the color by 10%, you get **70.2751, 65.5709, 54.0265**, and if you desaturate by 10%, it is **87.0183, 88.9390, 90.8008**.

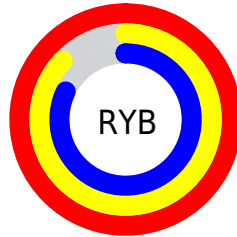
Distribution



Red (100%)

Green (86%)

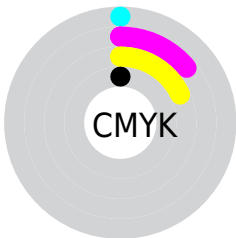
Blue (82%)



Red (100%)

Yellow (87%)

Blue (82%)

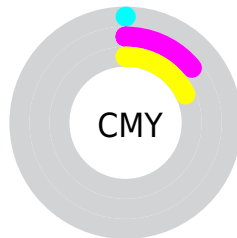


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0801, 76.5265, 70.9774 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 78.0801, 76.5265, 70.9774 by changing the saturation by 10% instead.

 78.0801, 76.5265,
70.9774

 78.0801, 76.5265,
70.9774


477.2745,
483.1481, 482.8560

 58.4428, 56.8643,
51.8420


129.6278,
128.4709, 122.2957

 42.4094, 40.8963,
36.4978


162.2689,
161.5219, 155.3157

 29.6145, 28.2381,
24.5262


199.9753,
199.8046, 193.8010

 19.6928, 18.5052,
15.5086

243.1124,
243.7035, 238.1702

 12.2789, 11.3133,
9.0265

292.0455,
293.6029, 288.8417

 7.0074, 6.2780,
4.6614

347.1400,

 3.5131, 3.0148,

349.8872, 346.2341

1.9948

408.7612,
412.9408, 410.7661

■ 1.4306, 1.1395,
0.5521

■ 0.2778, 0.0114,
0.0000

■ 78.0801, 76.5265,
70.9774

■ 78.0801, 76.5265,
70.9774

■ 70.2751, 65.5709,
54.0265

■ 87.0183, 88.9390,
90.8008

■ 63.5516, 56.0085,
39.8097

95.0500, 100.0000,
108.9000

■ 57.8624, 47.7859,
28.1841

■ 53.1543, 40.8423,
18.9922

■ 49.3692, 35.1119,
12.0588

■ 46.4426, 30.5231,
7.1853

■ 44.3007, 26.9960,
4.1380

■ 42.8508, 24.4377,
2.6021

■ 42.6283, 24.0365,
2.3928

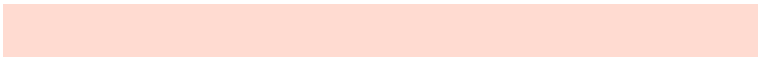
Harmonies

Analogous

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



79.7406, 76.5265, 79.5847



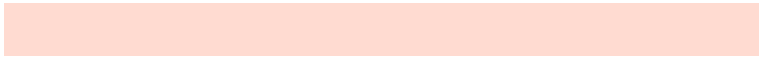
78.0801, 76.5265, 70.9774



75.0066, 76.5265, 65.9529

Triad

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



78.0801, 76.5265, 70.9774



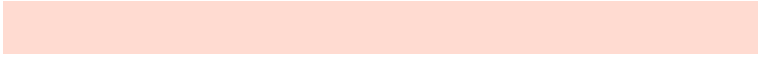
66.3865, 76.5265, 77.0526



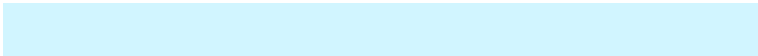
74.0700, 76.5265, 104.3253

Complementary

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



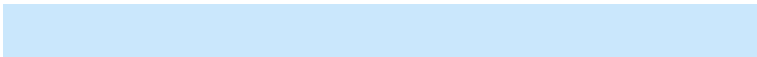
78.0801, 76.5265, 70.9774



76.9959, 86.0775, 107.1642

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.



70.5119, 76.5265, 103.5060



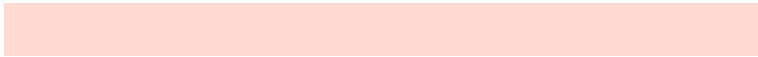
78.0801, 76.5265, 70.9774



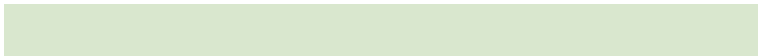
66.1544, 76.5265, 87.1793

Square

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



78.0801, 76.5265, 70.9774



68.2865, 76.5265, 69.2555



67.6418, 76.5265, 97.0261



77.3750, 76.5265, 99.1801

Rectangle

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



78.0801, 76.5265, 70.9774



72.6098, 76.5265, 65.0407



67.6418, 76.5265, 97.0261



72.8626, 76.5265, 104.7486

Sweetspot

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



78.0820, 76.5298, 70.9790



89.9640, 93.0047, 97.4115



80.5274, 73.4563, 96.3474



19.1081, 19.7029, 20.5175



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

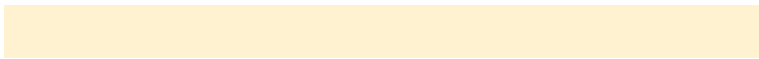
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0820, 76.5298, 70.9790



74.8568, 72.0180, 63.9275



84.4912, 89.3482, 73.1154



18.3296, 18.6274, 18.7737



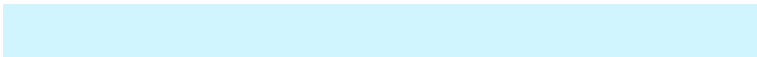
22.3625, 12.7363, 1.2797



2.2534, 1.3921, 0.1499

Inverse Universe

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



76.9959, 86.0775, 107.1642



73.5669, 83.3289, 106.8144



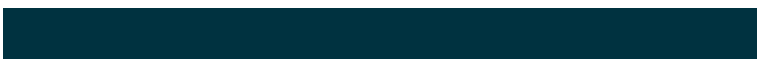
70.4754, 73.0364, 104.9907



18.1999, 19.7715, 23.1070



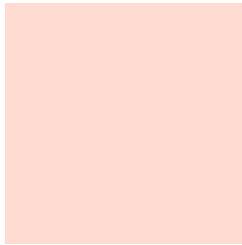
20.2826, 25.4747, 53.2827



2.0540, 2.6386, 5.2143

Previews

White Background



This preview shows how the XYZ color 78.0801, 76.5265, 70.9774 looks on a white background.

Color Contrast Check

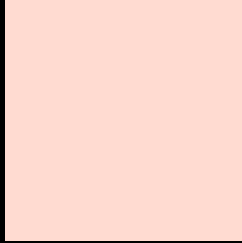
Large Text (above 18pt) WCAG AA × Fail

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 78.0801, 76.5265, 70.9774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

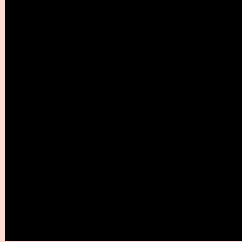
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.0801, 76.5265, 70.9774

Background



This preview shows how black text looks on a background with the XYZ color 78.0801, 76.5265, 70.9774.



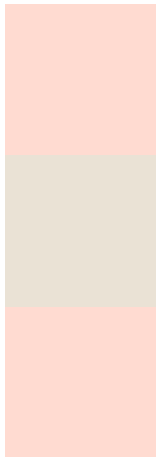
This preview shows how white text looks on a background with the XYZ color 78.0801, 76.5265,

70.9774.

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

78.0801, 76.5265, 70.9774

Protanopia

73.1383, 76.6892, 73.8985

Deuteranopia

78.0801, 76.5265, 70.9774



Tritanopia

80.6183, 76.7119, 86.9018

Trichromacy



Original Color

78.0801, 76.5265, 70.9774

Protanomaly

74.8893, 76.4061, 73.0881

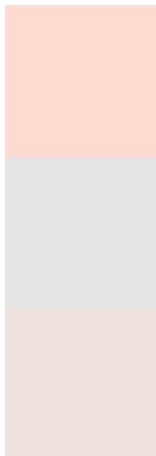
Deuteranomaly

78.0801, 76.5265, 70.9774

Tritanomaly

79.7659, 76.7846, 81.1378

Monochromacy



Original Color

78.0801, 76.5265, 70.9774

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.3699, 77.3015, 80.0555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0801, 76.5265, 70.9774 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, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 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(255, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 209) }
```

Border

The CSS property to change the border of an element to XYZ 78.0801, 76.5265, 70.9774 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, 219, 209) }
```


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

```
.border{ border-color:rgb(255, 219, 209) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0801, 76.5265, 70.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 209) }
```

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

```
.background{ background-color: rgb(255,  
219, 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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