

Converting Colors

XYZ(78.8373, 76.8293, 74.9644)

Have a look what the booklet for
XYZ(78.8373, 76.8293, 74.9644)
contains.

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Color

**XYZ(78.8373, 76.8293,
74.9644)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBD7
RGB	255, 219, 215
RGB Percent	100%, 86%, 84%
CMY	0.0000, 0.1412, 0.1569
CMYK	0.00, 0.14, 0.16, 0.00
HSL	6°, 100%, 92%
HSV	6°, 16%, 100%
XYZ	78.8373, 76.8293, 74.9644
YIQ	229.3080, 22.7400, 6.3880

Conversions

Conversions Part 2

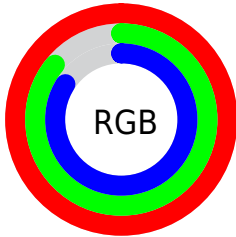
Format	Color
R _Y B	255, 219, 215
Decimal	16767959
CIE Lab	90.24, 11.84, 6.58
CIE LCh	90, 13.546, 29.041
Yxy	76.8293, 0.3418, 0.3331
Android (android.graphics.Color)	4294958039 (0xFFFFDBD7)
YUV	229.3080, -7.0538, 22.5319
Hunter-Lab	87.6523, 7.1570, 10.6490

Details

The XYZ color **78.8373, 76.8293, 74.9644** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.5706, 90.6590, 107.8601**, and the grayscale version is **74.7431, 78.6355, 85.6341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9093, 41.0948, 38.9282** is the 20% darker color. If you saturate the color by 10%, you get **70.2331, 64.4624, 57.1709**, and if you desaturate by 10%, it is **88.7810, 91.0575, 95.7259**.

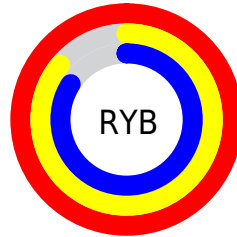
Distribution



Red (100%)

Green (86%)

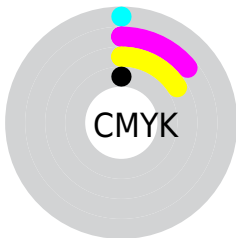
Blue (84%)



Red (100%)

Yellow (86%)

Blue (84%)

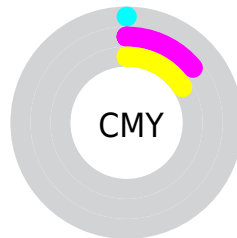


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8373, 76.8293, 74.9644 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 78.8373, 76.8293, 74.9644 by changing the saturation by 10% instead.


 78.8373, 76.8293,
74.9644

 78.8373, 76.8293,
74.9644

479.8022,
484.1818, 497.0474

 59.0672, 57.1128,
55.0822


130.6889,
128.8985, 128.0086

 42.9138, 41.0958,
39.0685


163.5012,
162.0200, 162.0077

 30.0117, 28.3939,
26.5048


201.3915,
200.3785, 201.5494

 19.9956, 18.6228,
16.9725

244.7253,
244.3586, 247.0524

 12.5001, 11.3981,
10.0531

293.8679,
294.3446, 298.9351

 7.1598, 6.3352,
5.3281

349.1847,

 3.6095, 3.0500,

350.7208, 357.6162

2.3790

411.0410,
413.8718, 423.5141

■ 1.4837, 1.1579,
0.7750

■ 0.3147, 0.0269,
0.0000

■ 78.8373, 76.8293,
74.9644

■ 78.8373, 76.8293,
74.9644

■ 70.2331, 64.4624,
57.1709

■ 88.7810, 91.0575,
95.7259

■ 62.9060, 53.8704,
42.2053

95.0500, 100.0000,
108.9000

■ 56.7965, 44.9748,
29.9231

■ 51.8382, 37.6873,
20.1655

■ 47.9585, 31.9115,
12.7565

■ 45.0761, 27.5408,
7.4978

■ 43.0982, 24.4546,
4.1582

■ 41.9141, 22.5116,
2.4527

■ 41.5990, 21.9781,
2.0497

Harmonies

Analogous

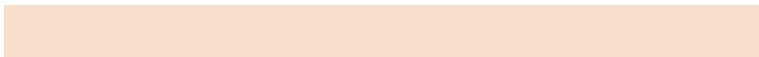
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6969, 76.8293, 83.9651



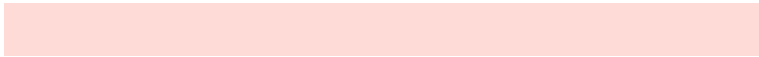
78.8373, 76.8293, 74.9644



76.4086, 76.8293, 68.7269

Triad

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



78.8373, 76.8293, 74.9644



67.6066, 76.8293, 74.4653



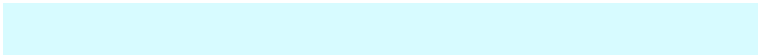
72.9155, 76.8293, 103.6165

Complementary

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



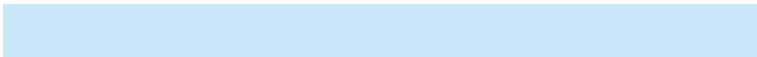
78.8373, 76.8293, 74.9644



80.5706, 90.6590, 107.8601

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.



69.7408, 76.8293, 100.5997



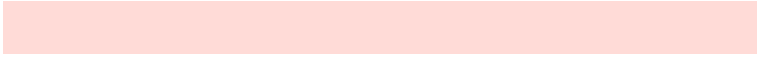
78.8373, 76.8293, 74.9644



66.7343, 76.8293, 83.3437

Square

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



78.8373, 76.8293, 74.9644



69.9231, 76.8293, 68.4547



67.5036, 76.8293, 92.9905



76.2151, 76.8293, 100.9515

Rectangle

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



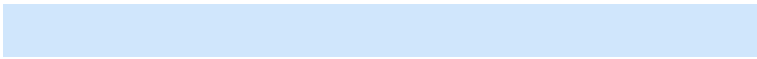
78.8373, 76.8293, 74.9644



74.2629, 76.8293, 66.7243



67.5036, 76.8293, 92.9905



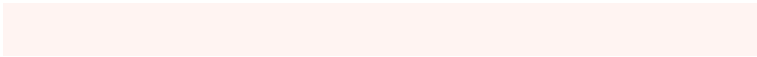
71.7989, 76.8293, 103.2296

Sweetspot

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



78.8390, 76.8326, 74.9660



89.5130, 92.1026, 97.2611



82.9535, 76.8268, 101.7239



18.9989, 19.4845, 20.4811



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

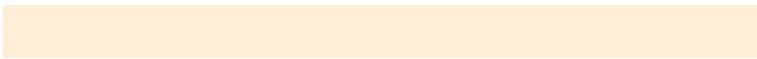
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8390, 76.8326, 74.9660



75.8414, 72.5308, 68.7460



84.3727, 87.8998, 76.8105



18.1556, 18.2794, 18.7157



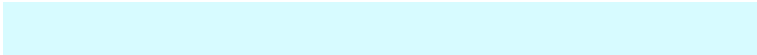
21.7841, 11.5795, 1.0869



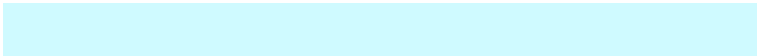
2.1674, 1.2202, 0.1213

Inverse Universe

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



80.5706, 90.6590, 107.8601



77.8887, 88.8849, 107.6591



74.6510, 78.8197, 105.8869



18.3903, 20.1522, 23.1704



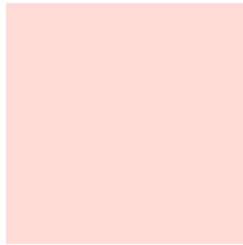
24.2037, 33.3170, 54.5897



2.3997, 3.3301, 5.3296

Previews

White Background



This preview shows how the XYZ color 78.8373, 76.8293, 74.9644 looks on a white background.

Color Contrast Check

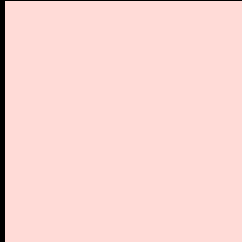
Large Text (above 18pt) WCAG AA × Fail

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 78.8373, 76.8293, 74.9644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

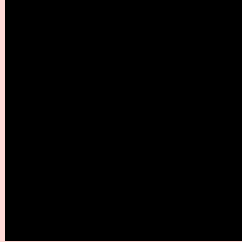
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

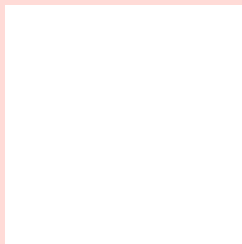
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8373, 76.8293, 74.9644

Background



This preview shows how black text looks on a background with the XYZ color 78.8373, 76.8293, 74.9644.



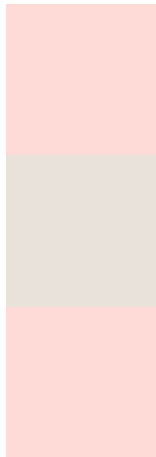
This preview shows how white text looks on a background with the XYZ color 78.8373, 76.8293,

74.9644.

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

78.8373, 76.8293, 74.9644

Protanopia

73.5868, 76.8308, 77.9692

Deuteranopia

78.4703, 76.6402, 74.9472



Tritanopia

80.7608, 76.7689, 87.6521

Trichromacy



Original Color

78.8373, 76.8293, 74.9644

Protanomaly

75.3182, 76.5381, 77.1333

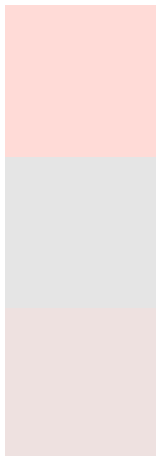
Deuteranomaly

78.4703, 76.6402, 74.9472

Tritanomaly

80.0389, 76.8938, 82.5750

Monochromacy



Original Color

78.8373, 76.8293, 74.9644

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6397, 77.4094, 81.4759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8373, 76.8293, 74.9644 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.8373, 76.8293, 74.9644 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, 215) }
```


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

```
.border{ border-color:rgb(255, 219, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8373, 76.8293, 74.9644 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
219, 215) }
```

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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