

Converting Colors

XYZ(78.1454, 80.9554, 72.2333)

Have a look what the booklet for
XYZ(78.1454, 80.9554, 72.2333)
contains.

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Color

**XYZ(78.2874, 81.0209,
72.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E6D2
RGB	247, 230, 210
RGB Percent	97%, 90%, 82%
CMY	0.0314, 0.0980, 0.1765
CMYK	0.00, 0.07, 0.15, 0.03
HSL	32°, 70%, 90%
HSV	32°, 15%, 97%
XYZ	78.2874, 81.0209, 72.4852
YIQ	232.8030, 16.5520, -2.6160

Conversions

Conversions Part 2

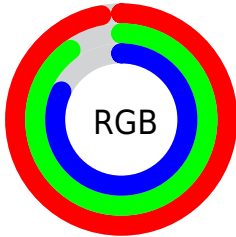
Format	Color
RYB	241, 247, 210
Decimal	16246482
CIELab	92.14, 2.57, 11.82
CIELCh	92, 12.093, 77.742
Yxy	81.0209, 0.3377, 0.3495
Android (android.graphics.Color)	4294436562 (0xFFFF7E6D2)
YUV	232.8030, -11.2419, 12.4508
Hunter-Lab	90.0116, -2.2703, 15.2626

Details

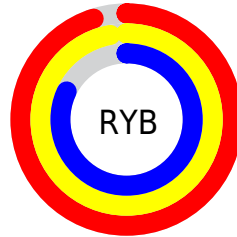
The XYZ color **78.2874, 81.0209, 72.4852** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.8356, 75.3536, 98.8075**, and the grayscale version is **77.3789, 81.4086, 88.6540**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5659, 44.0074, 37.7033** is the 20% darker color. If you saturate the color by 10%, you get **72.3899, 73.7759, 56.4909**, and if you desaturate by 10%, it is **84.8698, 88.8741, 91.0529**.

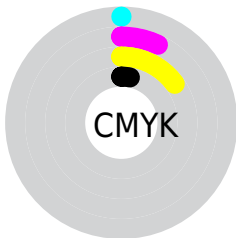
Distribution



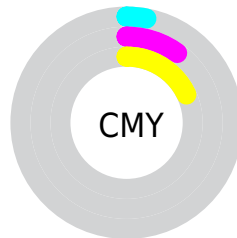
- Red (97%)
- Green (90%)
- Blue (82%)



- Red (95%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2874, 81.0209, 72.4852 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 78.2874, 81.0209, 72.4852 by changing the saturation by 10% instead.


 78.2874, 81.0209,
72.4852

 78.2874, 81.0209,
72.4852


477.9672,
498.3667, 488.2515

 58.6137, 60.5588,
53.0659


129.9184,
134.8001, 124.4602

 42.5474, 43.8692,
37.4673


162.6064,
168.8860, 157.8530

 29.7231, 30.5677,
25.2709


200.3633,
208.2820, 196.7407

 19.7756, 20.2699,
16.0581

243.5543,
253.3725, 241.5418

 12.3393, 12.5914,
9.4105

292.5448,
304.5417, 292.6749

 7.0490, 7.1478,
4.9094

347.7003,

 3.5394, 3.5547,

362.1743, 350.5586

2.1364

409.3859,
426.6545, 415.6112

■ 1.4450, 1.4277,
0.6373

■ 0.2880, 0.2370,
0.0000

■ 78.2874, 81.0209,
72.4852

■ 78.2874, 81.0209,
72.4852

■ 72.3899, 73.7759,
56.4909

■ 84.8698, 88.8741,
91.0529

■ 67.1452, 67.1119,
42.9493

■ 91.4377, 97.0537,
108.5217

■ 62.5280, 61.0152,
31.7374

■ 92.1680, 98.5143,
108.7651

■ 58.5088, 55.4673,
22.7197

■ 55.0551, 50.4484,
15.7462

■ 52.1306, 45.9370,
10.6481

■ 49.6939, 41.9092,
7.2288

■ 47.6946, 38.3373,
5.2469

■ 46.8205, 36.6992,
4.6160

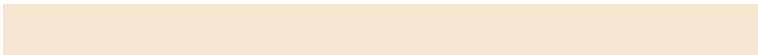
Harmonies

Analogous

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



81.1090, 81.0209, 76.1140



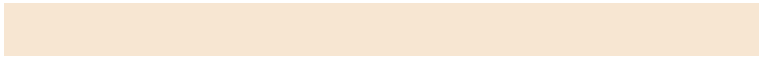
78.2874, 81.0209, 72.4852



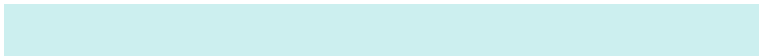
75.1959, 81.0209, 72.8588

Triad

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



78.2874, 81.0209, 72.4852



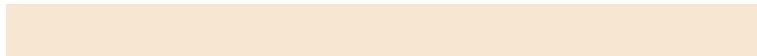
71.4395, 81.0209, 93.5528



81.5296, 81.0209, 100.2714

Complementary

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



78.2874, 81.0209, 72.4852



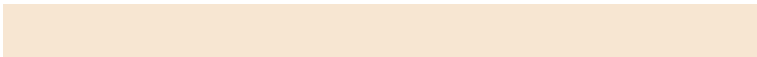
70.8356, 75.3536, 98.8075

Split Complementary

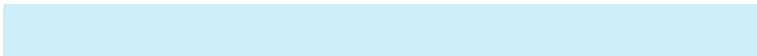
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8488, 81.0209, 105.5969



78.2874, 81.0209, 72.4852



73.0475, 81.0209, 101.5417

Square

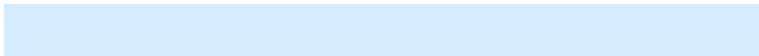
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2874, 81.0209, 72.4852



71.2984, 81.0209, 84.6238



75.7425, 81.0209, 106.0769



83.0145, 81.0209, 91.9126

Rectangle

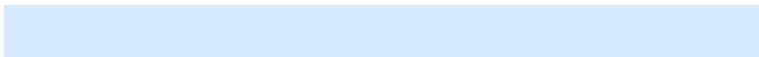
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2874, 81.0209, 72.4852



73.3972, 81.0209, 75.3289



75.7425, 81.0209, 106.0769



80.7351, 81.0209, 102.4994

Sweetspot

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



78.2896, 81.0245, 72.4869



91.9744, 96.4074, 99.9871



75.3072, 71.4292, 82.6852



19.5654, 20.4931, 21.0537



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.



78.2896, 81.0245, 72.4869



82.1601, 84.6667, 72.3985



82.8186, 90.7260, 74.1208



17.2414, 17.9670, 17.3568



24.9055, 19.6966, 2.4892



2.2917, 1.9366, 0.2530

Inverse Universe

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



70.8356, 75.3536, 98.8075



72.7206, 77.4856, 105.7312



66.7670, 66.6931, 97.3503



16.2083, 17.1810, 21.0046



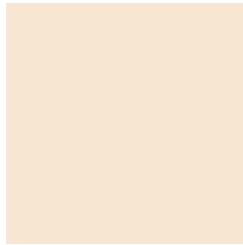
12.1672, 10.1282, 47.8517



1.1709, 1.0932, 4.2395

Previews

White Background



This preview shows how the XYZ color 78.2874, 81.0209, 72.4852 looks on a white background.

Color Contrast Check

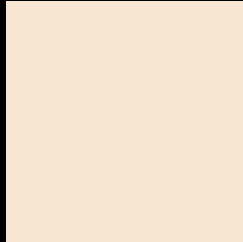
Large Text (above 18pt) WCAG AA × Fail

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 78.2874, 81.0209, 72.4852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

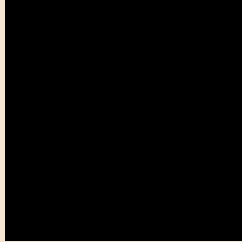
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.2874, 81.0209, 72.4852

Background



This preview shows how black text looks on a background with the XYZ color 78.2874, 81.0209, 72.4852.



This preview shows how white text looks on a background with the XYZ color 78.2874, 81.0209,

72.4852.

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

78.2874, 81.0209, 72.4852

Protanopia

77.2324, 81.2936, 73.2487

Deuteranopia

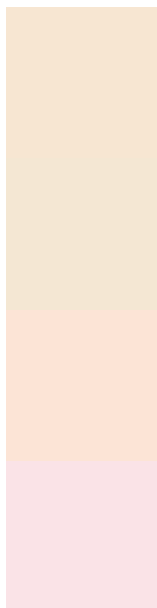
81.2335, 81.2079, 77.0389



Tritanopia

82.8865, 80.8307, 96.0273

Trichromacy



Original Color

78.2874, 81.0209, 72.4852

Protanomaly

77.6420, 81.0881, 73.1874

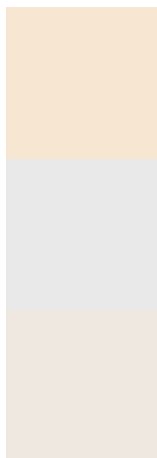
Deuteranomaly

80.0259, 81.0373, 75.0423

Tritanomaly

81.3172, 81.0317, 86.9561

Monochromacy



Original Color

78.2874, 81.0209, 72.4852

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.7071, 81.3266, 82.8362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2874, 81.0209, 72.4852 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(247, 230, 210) looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 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(247, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 210) }
```

Border

The CSS property to change the border of an element to XYZ 78.2874, 81.0209, 72.4852 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(247, 230, 210) }
```


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

```
.border{ border-color:rgb(247, 230, 210) }
```

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

Here you see how a box with a 4 pixel rgb(247, 230, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2874, 81.0209, 72.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 210) }
```

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

```
.background{ background-color: rgb(247,  
230, 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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