

Converting Colors

XYZ(78.4423, 81.5294, 71.9240)

Have a look what the booklet for
XYZ(78.4423, 81.5294, 71.9240)
contains.

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Color

**XYZ(78.4423, 81.5294,
71.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E7D1
RGB	247, 231, 209
RGB Percent	97%, 91%, 82%
CMY	0.0314, 0.0941, 0.1804
CMYK	0.00, 0.06, 0.15, 0.03
HSL	35°, 70%, 89%
HSV	35°, 15%, 97%
XYZ	78.4423, 81.5294, 71.9240
YIQ	233.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

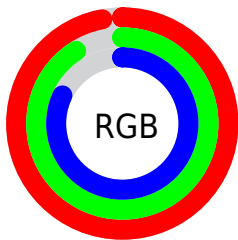
Format	Color
R _Y B	237, 247, 209
Decimal	16246737
CIE Lab	92.37, 1.90, 12.66
CIE LCh	92, 12.800, 81.450
Yxy	81.5294, 0.3383, 0.3516
Android (android.graphics.Color)	4294436817 (0xFFFF7E7D1)
YUV	233.2760, -11.9681, 12.0359
Hunter-Lab	90.2936, -2.9426, 15.9777

Details

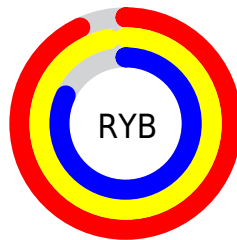
The XYZ color **78.4423, 81.5294, 71.9240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.0079, 74.1196, 98.6131**, and the grayscale version is **77.7404, 81.7890, 89.0682**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4816, 43.9737, 37.2591** is the 20% darker color. If you saturate the color by 10%, you get **72.7948, 74.7543, 56.1057**, and if you desaturate by 10%, it is **84.7413, 88.8471, 90.3004**.

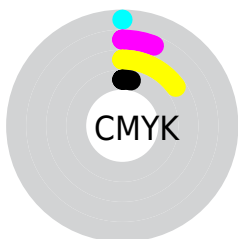
Distribution



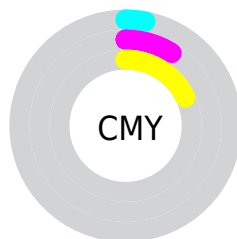
- Red (97%)
- Green (91%)
- Blue (82%)



- Red (93%)
- Yellow (97%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4423, 81.5294, 71.9240 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 78.4423, 81.5294, 71.9240 by changing the saturation by 10% instead.


 78.4423, 81.5294,
71.9240

 78.4423, 81.5294,
71.9240


478.4845,
500.0722, 486.2475

 58.7414, 60.9777,
52.6101


130.1355,
135.5139, 123.6552

 42.6506, 44.2072,
37.1060


162.8586,
169.7154, 156.9096

 29.8044, 30.8334,
24.9932


200.6530,
209.2357, 195.6479

 19.8375, 20.4720,
15.8530

243.8843,
254.4592, 240.2887

 12.3845, 12.7386,
9.2670

292.9178,
305.7701, 291.2505

 7.0802, 7.2488,
4.8165

348.1187,

 3.5591, 3.6182,

363.5530, 348.9519

2.0832

409.8525,
428.1923, 413.8114

■ 1.4558, 1.4624,
0.6057

■ 0.2955, 0.2620,
0.0000

■ 78.4423, 81.5294,
71.9240

■ 78.4423, 81.5294,
71.9240

■ 72.7948, 74.7543,
56.1057

■ 84.7413, 88.8471,
90.3004

■ 67.7674, 68.4964,
42.7247

■ 91.1557, 96.4895,
108.4277

■ 63.3358, 62.7438,
31.6579

■ 92.1681, 98.5143,
108.7651

■ 59.4712, 57.4798,
22.7697

■ 56.1421, 52.6869,
15.9097

■ 53.3132, 48.3454,
10.9085

■ 50.9437, 44.4336,
7.5687

■ 48.9841, 40.9260,
5.6467

■ 48.1852, 39.4286,
5.0708

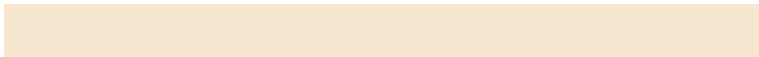
Harmonies

Analogous

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



81.5297, 81.5294, 75.2537



78.4423, 81.5294, 71.9240



75.1849, 81.5294, 72.8500

Triad

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



78.4423, 81.5294, 71.9240



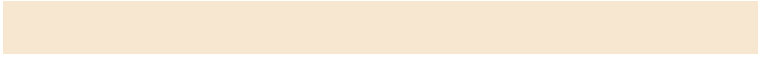
71.7117, 81.5294, 95.6122



82.5811, 81.5294, 100.6345

Complementary

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



78.4423, 81.5294, 71.9240



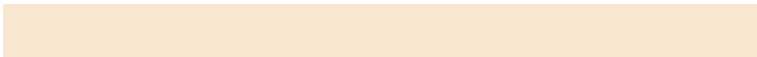
70.0079, 74.1196, 98.6131

Split Complementary

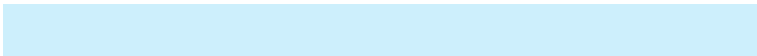
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8443, 81.5294, 106.8590



78.4423, 81.5294, 71.9240



73.5884, 81.5294, 103.8187

Square

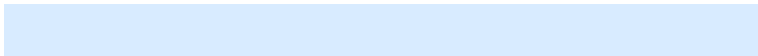
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4423, 81.5294, 71.9240



71.3605, 81.5294, 86.0865



76.5479, 81.5294, 108.0640



83.9634, 81.5294, 91.5121

Rectangle

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



78.4423, 81.5294, 71.9240



73.3501, 81.5294, 75.7864



76.5479, 81.5294, 108.0640



81.7854, 81.5294, 103.1614

Sweetspot

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



78.4445, 81.5330, 71.9257



91.3763, 95.8293, 97.8823



74.8135, 70.8379, 81.2994



19.4509, 20.3885, 20.6318



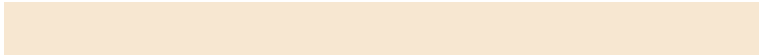
0.0000, 0.0000, 0.0000



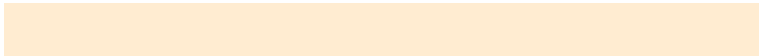
20.3446, 21.4041, 23.3091

Same Dimension

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



78.4445, 81.5330, 71.9257



82.6642, 85.6749, 72.5666



82.2406, 90.4424, 73.4453



17.2962, 18.0765, 17.3751



25.6270, 21.1397, 2.7297



2.3539, 2.0611, 0.2738

Inverse Universe

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



70.0079, 74.1196, 98.6131



72.2321, 76.5084, 105.5683



66.6071, 66.2453, 97.2724



16.1544, 17.0731, 20.9866



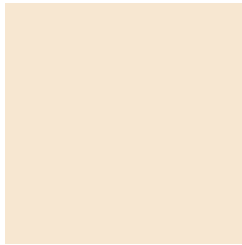
11.6286, 9.0510, 47.6722



1.1214, 0.9941, 4.2230

Previews

White Background



This preview shows how the XYZ color 78.4423, 81.5294, 71.9240 looks on a white background.

Color Contrast Check

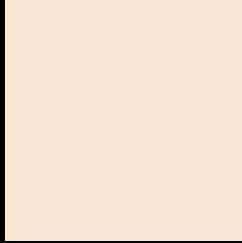
Large Text (above 18pt) WCAG AA × Fail

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 78.4423, 81.5294, 71.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

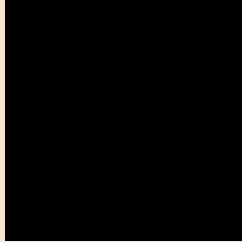
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4423, 81.5294, 71.9240

Background



This preview shows how black text looks on a background with the XYZ color 78.4423, 81.5294, 71.9240.



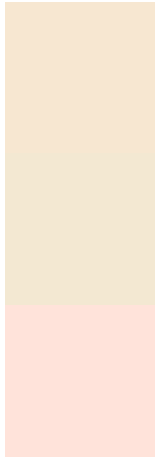
This preview shows how white text looks on a background with the XYZ color 78.4423, 81.5294,

71.9240.

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

78.4423, 81.5294, 71.9240

Protanopia

77.4516, 81.4211, 72.6065

Deuteranopia

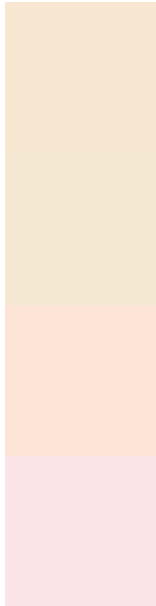
81.3640, 81.2601, 77.7261



Tritanopia

83.6704, 81.6198, 96.9322

Trichromacy



Original Color

78.4423, 81.5294, 71.9240

Protanomaly

77.7977, 81.5995, 72.6227

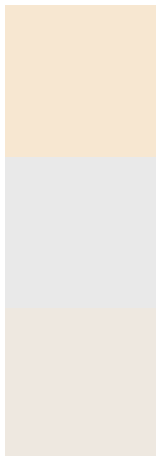
Deuteranomaly

80.1540, 81.0885, 75.7171

Tritanomaly

81.5915, 81.5803, 87.0475

Monochromacy



Original Color

78.4423, 81.5294, 71.9240

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.5711, 81.2722, 82.1197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4423, 81.5294, 71.9240 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, 231, 209) looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 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(247, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 209) }
```

Border

The CSS property to change the border of an element to XYZ 78.4423, 81.5294, 71.9240 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, 231, 209) }
```


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

```
.border{ border-color:rgb(247, 231, 209) }
```

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

Here you see how a box with a 4 pixel rgb(247, 231, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4423, 81.5294, 71.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 209) }
```

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

```
.background{ background-color: rgb(247,  
231, 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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