

Converting Colors

XYZ(82.2424, 79.0400, 71.1597)

Have a look what the booklet for XYZ(82.2424, 79.0400, 71.1597) contains.

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Color

**XYZ(78.3418, 77.0498,
71.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD1
RGB	255, 220, 209
RGB Percent	100%, 86%, 82%
CMY	0.0000, 0.1372, 0.1804
CMYK	0.00, 0.14, 0.18, 0.00
HSL	14°, 100%, 91%
HSV	14°, 18%, 100%
XYZ	78.3418, 77.0498, 71.0646
YIQ	229.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

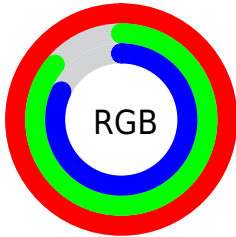
Format	Color
R _Y B	255, 223, 209
Decimal	16768209
CIE Lab	90.34, 10.42, 9.87
CIE LCh	90, 14.351, 43.444
Yxy	77.0498, 0.3459, 0.3402
Android (android.graphics.Color)	4294958289 (0xFFFFDCD1)
YUV	229.2110, -9.9640, 22.6170
Hunter-Lab	87.7780, 5.6996, 13.4438

Details

The XYZ color **78.3418, 77.0498, 71.0646** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6943, 85.4742, 107.0637**, and the grayscale version is **74.6915, 78.5813, 85.5750**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6602, 41.2826, 36.7302** is the 20% darker color. If you saturate the color by 10%, you get **70.6346, 66.2899, 54.1463**, and if you desaturate by 10%, it is **87.1488, 89.2001, 90.8443**.

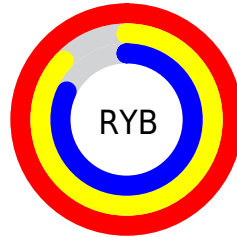
Distribution



Red (100%)

Green (86%)

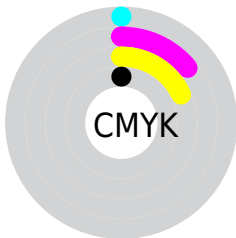
Blue (82%)



Red (100%)

Yellow (87%)

Blue (82%)

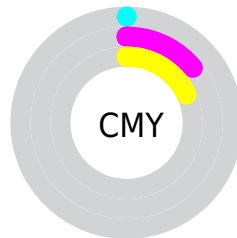


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (14%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3418, 77.0498, 71.0646 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 78.3418, 77.0498, 71.0646 by changing the saturation by 10% instead.


 78.3418, 77.0498,
71.0646

 78.3418, 77.0498,
71.0646


478.1489,
484.9338, 483.1690

 58.6586, 57.2937,
51.9128


129.9947,
129.2098, 122.4210

 42.5836, 41.2411,
36.5538


162.6950,
162.3825, 155.4627

 29.7517, 28.5075,
24.5691


200.4651,
200.7962, 193.9714

 19.7973, 18.7086,
15.5402

243.6702,
244.8353, 238.3656

 12.3552, 11.4599,
9.0486

292.6758,
294.8843, 289.0639

 7.0600, 6.3771,
4.6756

347.8472,

 3.5463, 3.0757,

351.3274, 346.4849

2.0029

409.5498,
414.5491, 411.0471

■ 1.4488, 1.1714,
0.5570

■ 0.2906, 0.0381,
0.0000

■ 78.3418, 77.0498,
71.0646

■ 78.3418, 77.0498,
71.0646

■ 70.6346, 66.2899,
54.1463

■ 87.1488, 89.2001,
90.8443

■ 63.9777, 56.8607,
39.9517

95.0500, 100.0000,
108.9000

■ 58.3258, 48.7127,
28.3386

■ 53.6278, 41.7893,
19.1500

■ 49.8281, 36.0297,
12.2118

■ 46.8649, 31.3677,
7.3261

■ 44.6674, 27.7296,
4.2603

■ 43.1468, 25.0298,
2.7008

■ 42.9090, 24.5981,
2.4863

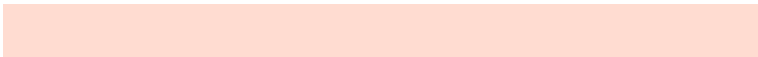
Harmonies

Analogous

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



80.1290, 77.0498, 79.3973



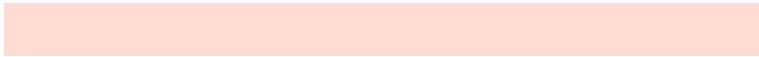
78.3418, 77.0498, 71.0646



75.2111, 77.0498, 66.3935

Triad

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



78.3418, 77.0498, 71.0646



66.8364, 77.0498, 78.4051



74.8443, 77.0498, 104.5483

Complementary

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



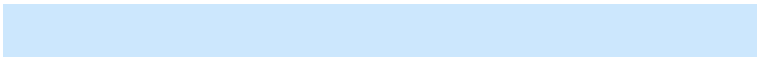
78.3418, 77.0498, 71.0646



76.6943, 85.4742, 107.0637

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.



71.2910, 77.0498, 104.2279



78.3418, 77.0498, 71.0646



66.7455, 77.0498, 88.5576

Square

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



78.3418, 77.0498, 71.0646



68.6049, 77.0498, 70.3893



68.3523, 77.0498, 98.1817



78.0658, 77.0498, 99.0244

Rectangle

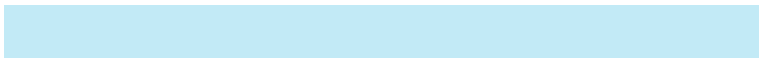
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3418, 77.0498, 71.0646



72.8212, 77.0498, 65.7274



68.3523, 77.0498, 98.1817



73.6474, 77.0498, 105.1333

Sweetspot

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



78.3436, 77.0531, 71.0662



90.0479, 93.1725, 97.4395



80.4106, 73.4096, 95.7321



19.1284, 19.7436, 20.5243



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.



78.3436, 77.0531, 71.0662



75.1611, 72.6266, 64.0289



84.7198, 89.8055, 73.1916



18.3621, 18.6924, 18.7845



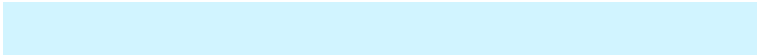
22.5162, 13.0436, 1.3309



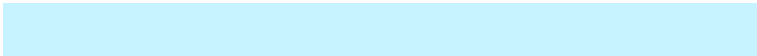
2.2725, 1.4304, 0.1563

Inverse Universe

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



76.6943, 85.4742, 107.0637



73.2036, 82.6022, 106.6933



70.2722, 72.6300, 104.9230



18.1650, 19.7016, 23.0953



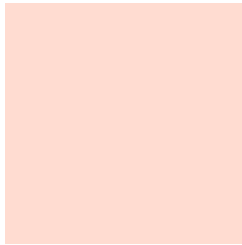
19.6329, 24.1753, 53.0661



1.9958, 2.5222, 5.1949

Previews

White Background



This preview shows how the XYZ color 78.3418, 77.0498, 71.0646 looks on a white background.

Color Contrast Check

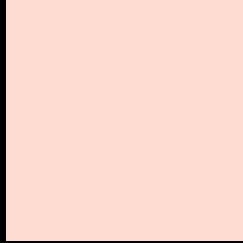
Large Text (above 18pt) WCAG AA × Fail

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 78.3418, 77.0498, 71.0646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

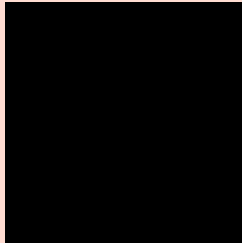
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3418, 77.0498, 71.0646

Background



This preview shows how black text looks on a background with the XYZ color 78.3418, 77.0498, 71.0646.



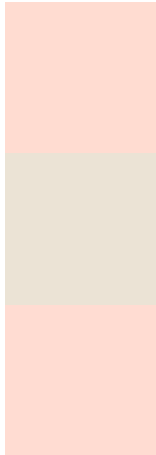
This preview shows how white text looks on a background with the XYZ color 78.3418, 77.0498,

71.0646.

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

78.3418, 77.0498, 71.0646

Protanopia

73.7403, 77.4044, 74.0048

Deuteranopia

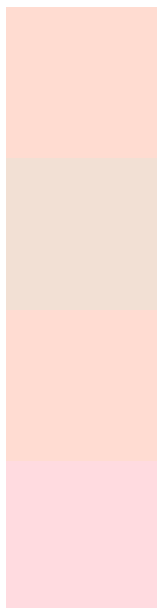
78.4661, 77.0995, 71.7189



Tritanopia

81.0194, 77.2860, 87.7383

Trichromacy



Original Color

78.3418, 77.0498, 71.0646

Protanomaly

75.1573, 76.9420, 73.1774

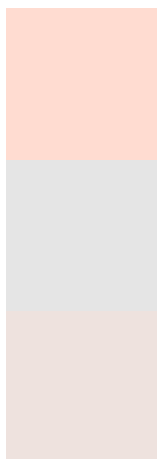
Deuteranomaly

78.4661, 77.0995, 71.7189

Tritanomaly

80.0261, 77.3049, 81.2245

Monochromacy



Original Color

78.3418, 77.0498, 71.0646

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.6411, 77.8438, 80.1459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3418, 77.0498, 71.0646 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, 220, 209) looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 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, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 209) }
```

Border

The CSS property to change the border of an element to XYZ 78.3418, 77.0498, 71.0646 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, 220, 209) }
```


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

```
.border{ border-color:rgb(255, 220, 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, 220, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3418, 77.0498, 71.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 209) }
```

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

```
.background{ background-color: rgb(255,  
220, 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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