

Converting Colors

XYZ(77.9555, 78.4592, 71.4226)

Have a look what the booklet for
XYZ(77.9555, 78.4592, 71.4226)
contains.

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Color

**XYZ(77.9479, 78.4240,
71.3506)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE0D1
RGB	251, 224, 209
RGB Percent	98%, 88%, 82%
CMY	0.0157, 0.1215, 0.1804
CMYK	0.00, 0.11, 0.17, 0.02
HSL	21°, 84%, 90%
HSV	21°, 17%, 98%
XYZ	77.9479, 78.4240, 71.3506
YIQ	230.3630, 20.9070, 1.0590

Conversions

Conversions Part 2

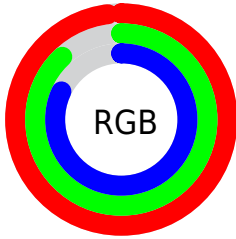
Format	Color
R _Y B	251, 232, 209
Decimal	16507089
CIE Lab	90.97, 6.92, 10.72
CIE LCh	91, 12.761, 57.143
Yxy	78.4240, 0.3423, 0.3444
Android (android.graphics.Color)	4294697169 (0xFFFBE0D1)
YUV	230.3630, -10.5320, 18.0986
Hunter-Lab	88.5573, 2.1399, 14.2202

Details

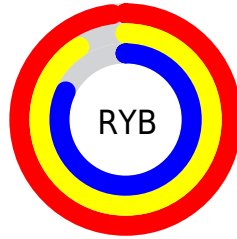
The XYZ color **77.9479, 78.4240, 71.3506** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7020, 80.5093, 102.9226**, and the grayscale version is **75.5492, 79.4836, 86.5576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3525, 42.2118, 36.9258** is the 20% darker color. If you saturate the color by 10%, you get **70.9503, 69.0159, 54.8752**, and if you desaturate by 10%, it is **85.8508, 88.8578, 90.5449**.

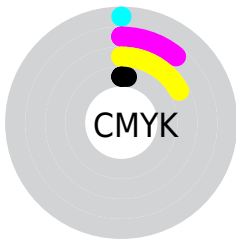
Distribution



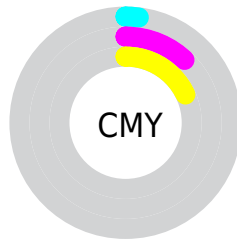
- Red (98%)
- Green (88%)
- Blue (82%)



- Red (98%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.9479, 78.4240, 71.3506 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 77.9479, 78.4240, 71.3506 by changing the saturation by 10% instead.


 77.9479, 78.4240,
71.3506

 77.9479, 78.4240,
71.3506


476.8324,
489.6056, 484.1948

 58.3338, 58.4223,
52.1448


129.4424,
131.1477, 122.8319

 42.3214, 42.1483,
36.7374


162.0536,
164.6385, 155.9445

 29.5452, 29.2174,
24.7101


199.7278,
203.3944, 194.5297

 19.6400, 19.2454,
15.6441

242.8305,
247.7999, 239.0062

 12.2404, 11.8477,
9.1211

291.7269,
298.2394, 289.7923

 6.9810, 6.6401,
4.7223

346.7824,

 3.4964, 3.2380,

355.0973, 347.3068

2.0294

408.3625,
418.7579, 411.9681

■ 1.4214, 1.2572,
0.5733

■ 0.2714, 0.1077,
0.0000

■ 77.9479, 78.4240,
71.3506

■ 77.9479, 78.4240,
71.3506

■ 70.9503, 69.0159,
54.8752

■ 85.8508, 88.8578,
90.5449

■ 64.8174, 60.5911,
40.9896

■ 93.5939, 99.2493,
108.8319

■ 59.5147, 53.1193,
29.5615

■ 55.0028, 46.5648,
20.4447

■ 51.2386, 40.8895,
13.4773

■ 48.1743, 36.0518,
8.4763

■ 45.7554, 32.0064,
5.2273

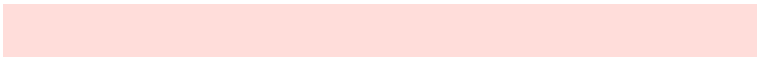
■ 43.9160, 28.7016,
3.4608

■ 43.4125, 27.7666,
3.0714

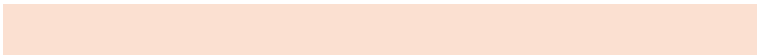
Harmonies

Analogous

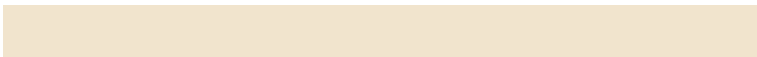
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1834, 78.4240, 77.5572



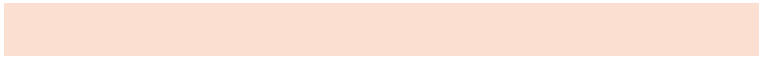
77.9479, 78.4240, 71.3506



74.8485, 78.4240, 68.8838

Triad

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



77.9479, 78.4240, 71.3506



68.5280, 78.4240, 84.5100



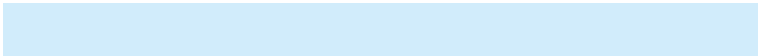
77.3988, 78.4240, 102.1531

Complementary

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



77.9479, 78.4240, 71.3506



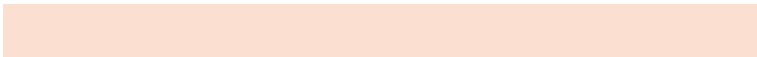
73.7020, 80.5093, 102.9226

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.



74.2316, 78.4240, 104.3434



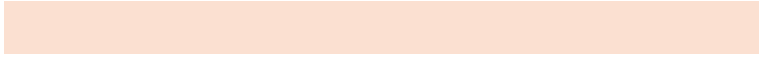
77.9479, 78.4240, 71.3506



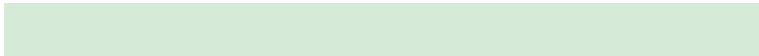
69.1671, 78.4240, 93.7341

Square

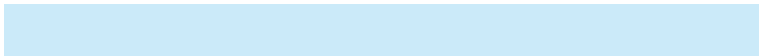
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9479, 78.4240, 71.3506



69.4610, 78.4240, 76.1310



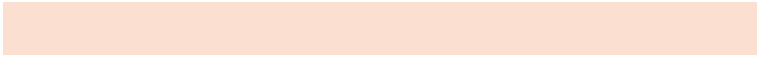
71.2322, 78.4240, 101.1608



79.8600, 78.4240, 95.3717

Rectangle

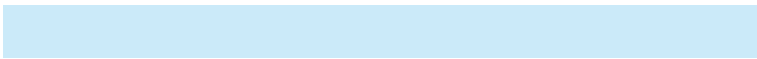
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9479, 78.4240, 71.3506



72.7304, 78.4240, 69.5492



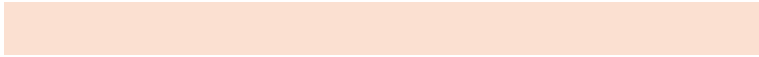
71.2322, 78.4240, 101.1608



76.3787, 78.4240, 103.4710

Sweetspot

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



77.9500, 78.4275, 71.3523



90.5058, 94.0882, 97.5921



77.7688, 72.1847, 89.4205



19.2395, 19.9656, 20.5613



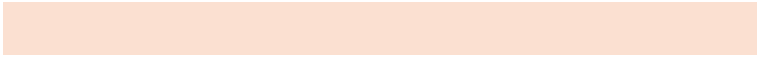
0.0000, 0.0000, 0.0000



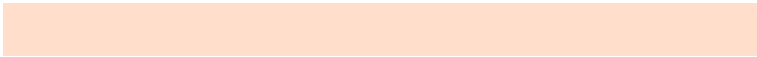
20.3446, 21.4041, 23.3091

Same Dimension

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



77.9500, 78.4275, 71.3523



78.3189, 77.9793, 68.0504



83.8547, 90.2368, 73.3205



17.7520, 18.2399, 18.0474



22.9438, 14.8443, 1.6560



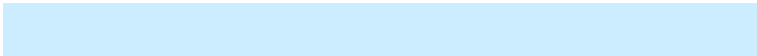
2.2211, 1.5671, 0.1854

Inverse Universe

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



73.7020, 80.5093, 102.9226



73.1723, 80.4983, 106.2889



68.0849, 69.2752, 101.0503



17.2137, 18.5042, 22.0497



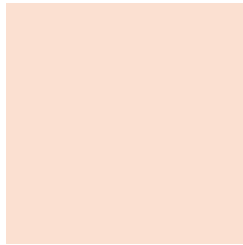
16.0248, 17.4052, 50.4885



1.5843, 1.8123, 4.7095

Previews

White Background



This preview shows how the XYZ color 77.9479, 78.4240, 71.3506 looks on a white background.

Color Contrast Check

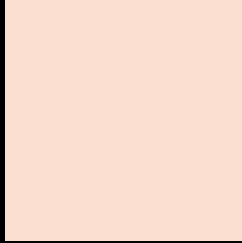
Large Text (above 18pt) WCAG AA × Fail

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 77.9479, 78.4240, 71.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

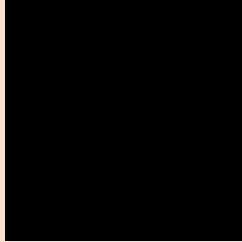
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9479, 78.4240, 71.3506

Background



This preview shows how black text looks on a background with the XYZ color 77.9479, 78.4240, 71.3506.



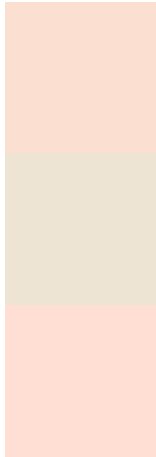
This preview shows how white text looks on a background with the XYZ color 77.9479, 78.4240,

71.3506.

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

77.9479, 78.4240, 71.3506

Protanopia

74.7612, 78.3671, 72.8140

Deuteranopia

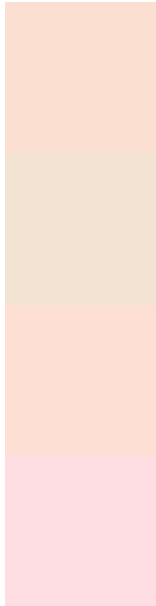
79.2449, 78.2560, 73.2156



Tritanopia

82.1193, 78.5608, 90.9564

Trichromacy



Original Color

77.9479, 78.4240, 71.3506

Protanomaly

76.0641, 78.6460, 72.1440

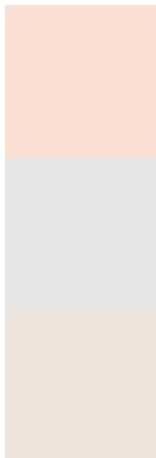
Deuteranomaly

79.0186, 78.5493, 72.6248

Tritanomaly

80.5946, 78.3298, 83.5444

Monochromacy



Original Color

77.9479, 78.4240, 71.3506

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.1881, 78.9379, 80.3282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9479, 78.4240, 71.3506 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(251, 224, 209) looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 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(251, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 209) }
```

Border

The CSS property to change the border of an element to XYZ 77.9479, 78.4240, 71.3506 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(251, 224, 209) }
```


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

```
.border{ border-color:rgb(251, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9479, 78.4240, 71.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 209) }
```

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

```
.background{ background-color: rgb(251,  
224, 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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