

Converting Colors

XYZ(159.6865, 119.2250,
72.7792)

Have a look what the booklet for
XYZ(159.6865, 119.2250, 72.7792)
contains.

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Color

**XYZ(78.2370, 77.4291,
69.2143)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDCE
RGB	255, 221, 206
RGB Percent	100%, 87%, 81%
CMY	0.0000, 0.1333, 0.1922
CMYK	0.00, 0.13, 0.19, 0.00
HSL	18°, 100%, 90%
HSV	18°, 19%, 100%
XYZ	78.2370, 77.4291, 69.2143
YIQ	229.4560, 25.0790, 2.5430

Conversions

Conversions Part 2

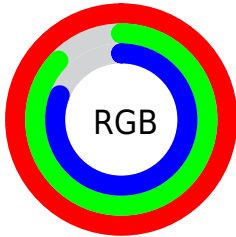
Format	Color
R _Y B	255, 228, 206
Decimal	16768462
CIE Lab	90.52, 9.46, 11.69
CIE LCh	91, 15.036, 51.015
Yxy	77.4291, 0.3479, 0.3443
Android (android.graphics.Color)	4294958542 (0xFFFFDDCE)
YUV	229.4560, -11.5638, 22.4021
Hunter-Lab	87.9938, 4.7187, 14.9592

Details

The XYZ color **78.2370, 77.4291, 69.2143** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6628, 82.6596, 106.6275**, and the grayscale version is **74.8832, 78.7830, 85.7947**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5924, 41.5452, 35.4799** is the 20% darker color. If you saturate the color by 10%, you get **70.9598, 67.4365, 52.7250**, and if you desaturate by 10%, it is **86.5128, 88.6139, 88.5178**.

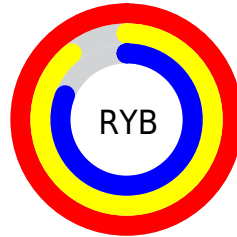
Distribution



Red (100%)

Green (87%)

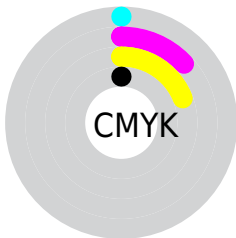
Blue (81%)



Red (100%)

Yellow (89%)

Blue (81%)

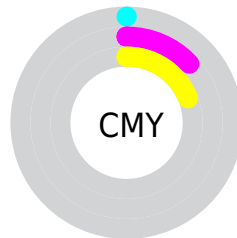


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.2370, 77.4291, 69.2143 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 78.2370, 77.4291, 69.2143 by changing the saturation by 10% instead.

 78.2370, 77.4291,
69.2143

 78.2370, 77.4291,
69.2143


477.7988,
486.2258, 476.5008

 58.5721, 57.6051,
50.4134


129.8478,
129.7450, 119.7582

 42.5138, 41.4913,
35.3685


162.5244,
163.0058, 152.3383

 29.6967, 28.7032,
23.6611


200.2690,
201.5142, 190.3485

 19.7554, 18.8564,
14.8725

243.4469,
245.6547, 234.2074

 12.3246, 11.5665,
8.5843

292.4235,
295.8118, 284.3336

 7.0389, 6.4493,
4.3780

347.5641,

 3.5330, 3.1201,

352.3697, 341.1455

1.8349

409.2341,
415.7129, 405.0617

■ 1.4415, 1.1948,
0.4508

■ 0.2855, 0.0574,
0.0000

■ 78.2370, 77.4291,
69.2143

■ 78.2370, 77.4291,
69.2143

■ 70.9598, 67.4365,
52.7250

■ 86.5128, 88.6139,
88.5178

■ 64.6363, 58.5860,
38.9126

95.0500, 100.0000,
108.9000

■ 59.2260, 50.8387,
27.6354

■ 54.6836, 44.1492,
18.7367

■ 50.9592, 38.4693,
12.0419

■ 47.9973, 33.7463,
7.3523

■ 45.7339, 29.9218,
4.4326

■ 44.0814, 26.9253,
2.9312

■ 43.9706, 26.7212,
2.8402

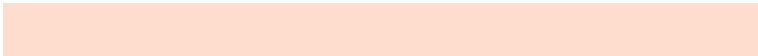
Harmonies

Analogous

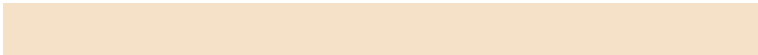
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5517, 77.4291, 77.0974



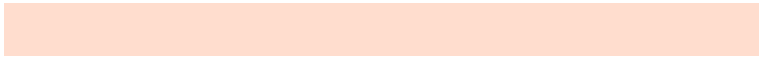
78.2370, 77.4291, 69.2143



74.7290, 77.4291, 65.4640

Triad

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



78.2370, 77.4291, 69.2143



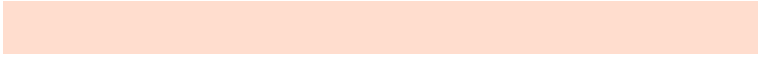
66.6811, 77.4291, 81.1144



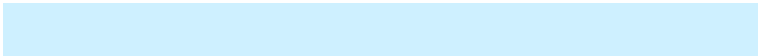
76.2174, 77.4291, 105.1513

Complementary

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



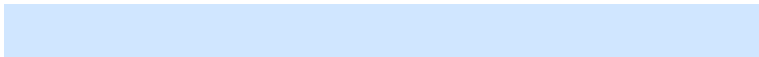
78.2370, 77.4291, 69.2143



74.6628, 82.6596, 106.6275

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.



72.4706, 77.4291, 106.4580



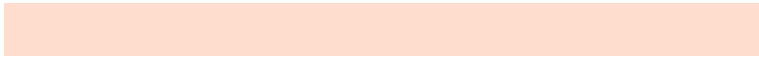
78.2370, 77.4291, 69.2143



67.0490, 77.4291, 91.9528

Square

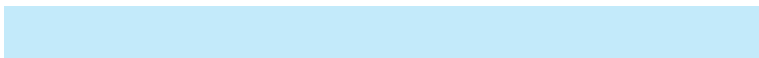
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2370, 77.4291, 69.2143



68.1158, 77.4291, 71.9397



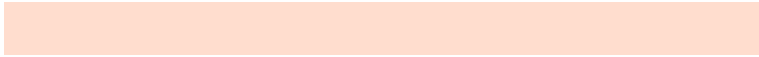
69.1385, 77.4291, 101.4485



79.3583, 77.4291, 98.0165

Rectangle

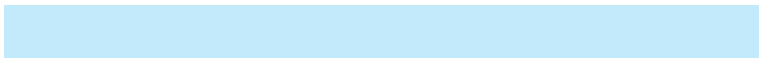
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2370, 77.4291, 69.2143



72.2213, 77.4291, 65.5717



69.1385, 77.4291, 101.4485



74.9841, 77.4291, 106.3093

Sweetspot

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



78.2389, 77.4325, 69.2159



89.3904, 92.4669, 95.3411



79.0846, 71.7126, 92.3460



19.0062, 19.6220, 20.1049



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.



78.2389, 77.4325, 69.2159



75.3688, 73.5117, 62.6505



85.0938, 91.1424, 71.5009



18.4630, 18.8941, 18.8182



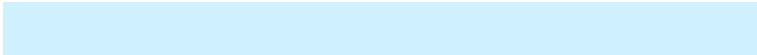
23.0905, 14.1923, 1.5224



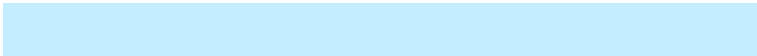
2.3399, 1.5652, 0.1788

Inverse Universe

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



74.6628, 82.6596, 106.6275



71.2019, 79.5942, 106.2182



68.0091, 69.3520, 104.4096



18.0579, 19.4874, 23.0596



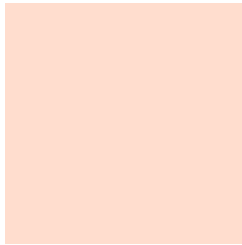
17.7759, 20.4614, 52.4471



1.8275, 2.1857, 5.1388

Previews

White Background



This preview shows how the XYZ color 78.2370, 77.4291, 69.2143 looks on a white background.

Color Contrast Check

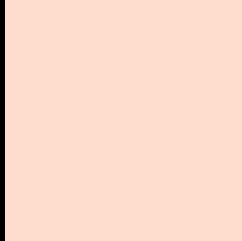
Large Text (above 18pt) WCAG AA × Fail

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 78.2370, 77.4291, 69.2143 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 78.2370, 77.4291, 69.2143

Background



This preview shows how black text looks on a background with the XYZ color 78.2370, 77.4291, 69.2143.



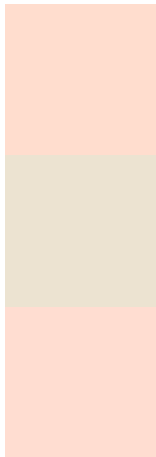
This preview shows how white text looks on a background with the XYZ color 78.2370, 77.4291,

69.2143.

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

78.2370, 77.4291, 69.2143

Protanopia

73.5698, 77.3745, 71.3788

Deuteranopia

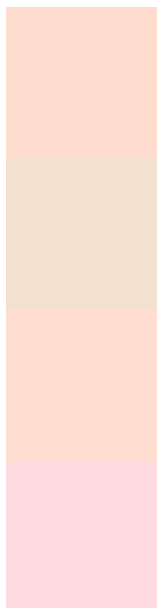
78.6051, 77.5764, 71.1524



Tritanopia

81.0194, 77.2860, 87.7383

Trichromacy



Original Color

78.2370, 77.4291, 69.2143

Protanomaly

75.2725, 77.4592, 70.6583

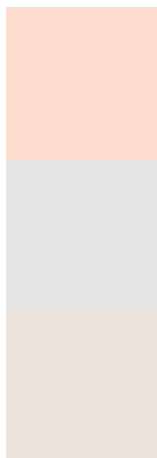
Deuteranomaly

78.4816, 77.5270, 70.5023

Tritanomaly

79.8908, 77.2507, 80.5122

Monochromacy



Original Color

78.2370, 77.4291, 69.2143

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.5074, 77.7903, 79.4420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2370, 77.4291, 69.2143 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, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 206)  
}
```

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, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 206) }
```

Border

The CSS property to change the border of an element to XYZ 78.2370, 77.4291, 69.2143 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, 221, 206) }
```


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

```
.border{ border-color:rgb(255, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2370, 77.4291, 69.2143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 206) }
```

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

```
.background{ background-color: rgb(255,  
221, 206) }
```

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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