

Converting Colors

XYZ(78.3289, 77.7539, 71.0426)

Have a look what the booklet for
XYZ(78.3289, 77.7539, 71.0426)
contains.

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Color

**XYZ(78.5030, 77.9168,
71.2235)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDED1
RGB	254, 222, 209
RGB Percent	100%, 87%, 82%
CMY	0.0039, 0.1294, 0.1804
CMYK	0.00, 0.13, 0.18, 0.00
HSL	17°, 96%, 91%
HSV	17°, 18%, 100%
XYZ	78.5030, 77.9168, 71.2235
YIQ	230.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

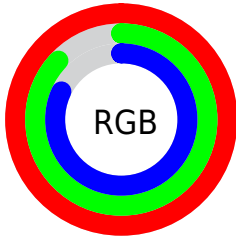
Format	Color
RYB	254, 227, 209
Decimal	16703185
CIELab	90.74, 9.03, 10.42
CIElCh	91, 13.790, 49.106
Yxy	77.9168, 0.3449, 0.3423
Android (android.graphics.Color)	4294893265 (0xFFFEDED1)
YUV	230.0860, -10.3954, 20.9726
Hunter-Lab	88.2705, 4.2749, 13.9496

Details

The XYZ color **78.5030, 77.9168, 71.2235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6388, 83.6200, 105.9204**, and the grayscale version is **75.3417, 79.2653, 86.3199**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7611, 41.8743, 36.8391** is the 20% darker color. If you saturate the color by 10%, you get **71.0635, 67.6752, 54.4459**, and if you desaturate by 10%, it is **86.9619, 89.3935, 90.8162**.

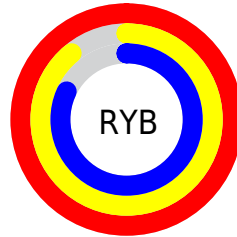
Distribution



Red (100%)

Green (87%)

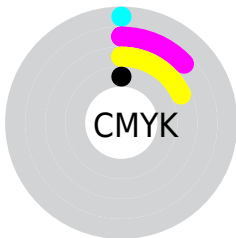
Blue (82%)



Red (100%)

Yellow (89%)

Blue (82%)

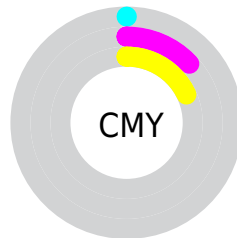


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.5030, 77.9168, 71.2235 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 78.5030, 77.9168, 71.2235 by changing the saturation by 10% instead.


 78.5030, 77.9168,
71.2235

 78.5030, 77.9168,
71.2235


478.6871,
487.8842, 483.7391

 58.7915, 58.0056,
52.0417


130.2206,
130.4328, 122.6493

 42.6910, 41.8132,
36.6558


162.9573,
163.8065, 155.7304

 29.8362, 28.9550,
24.6474


200.7666,
202.4364, 194.2816

 19.8618, 19.0468,
15.5979

244.0136,
246.7070, 238.7216

 12.4023, 11.7041,
9.0888

293.0638,
297.0027, 289.4687

 7.0924, 6.5425,
4.7016

348.2826,

 3.5668, 3.1777,

353.7079, 346.9417

2.0176

410.0352,
417.2069, 411.5589

■ 1.4601, 1.2252,
0.5661

■ 0.2984, 0.0821,
0.0000

■ 78.5030, 77.9168,
71.2235

■ 78.5030, 77.9168,
71.2235

■ 71.0635, 67.6752,
54.4459

■ 86.9619, 89.3935,
90.8162

■ 64.5973, 58.6166,
40.3482

94.6834, 99.8110,
108.8828

■ 59.0640, 50.7004,
28.7916

■ 54.4176, 43.8795,
19.6223

■ 50.6081, 38.1035,
12.6703

■ 47.5797, 33.3178,
7.7422

■ 45.2688, 29.4618,
4.6110

■ 43.5962, 26.4657,
2.9772

■ 43.2826, 25.8893,
2.7159

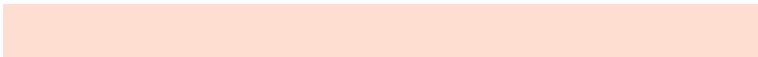
Harmonies

Analogous

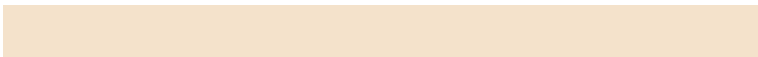
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5295, 77.9168, 78.7480



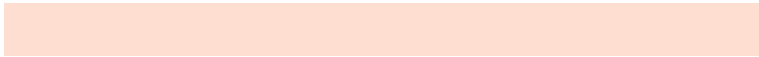
78.5030, 77.9168, 71.2235



75.3232, 77.9168, 67.4555

Triad

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



78.5030, 77.9168, 71.2235



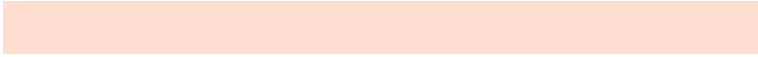
67.7093, 77.9168, 81.2847



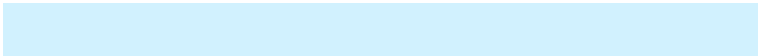
76.2586, 77.9168, 104.1641

Complementary

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



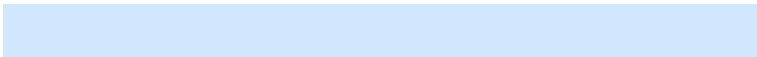
78.5030, 77.9168, 71.2235



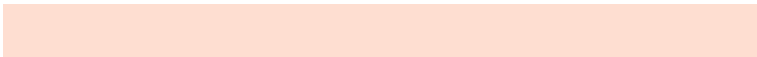
75.6388, 83.6200, 105.9204

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.



72.8062, 77.9168, 104.9766



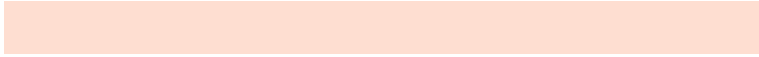
78.5030, 77.9168, 71.2235



67.9420, 77.9168, 91.2345

Square

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



78.5030, 77.9168, 71.2235



69.1372, 77.9168, 72.9558



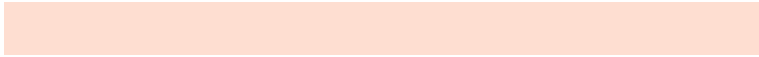
69.7832, 77.9168, 100.0858



79.2060, 77.9168, 97.9454

Rectangle

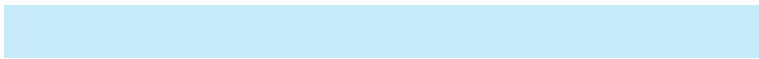
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5030, 77.9168, 71.2235



73.0088, 77.9168, 67.3668



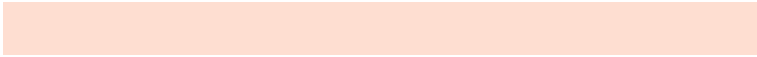
69.7832, 77.9168, 100.0858



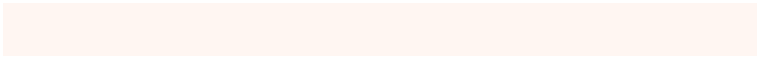
75.1164, 77.9168, 105.0958

Sweetspot

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



78.5051, 77.9203, 71.2251



90.2405, 93.5576, 97.5036



79.5890, 73.0387, 93.3190



19.1751, 19.8369, 20.5399



0.0000, 0.0000, 0.0000



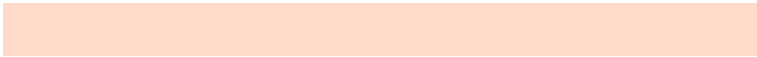
20.3446, 21.4041, 23.3091

Same Dimension

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



78.5051, 77.9203, 71.2251



76.6293, 75.0855, 65.9904



84.8085, 90.5272, 73.3263



18.4369, 18.8420, 18.8095



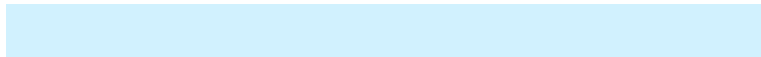
22.9278, 13.8668, 1.4681



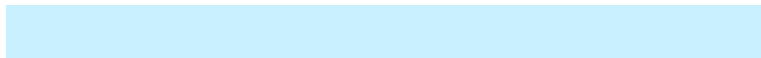
2.3214, 1.5281, 0.1726

Inverse Universe

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



75.6388, 83.6200, 105.9204



73.2789, 81.7406, 106.5230



69.4513, 71.2448, 103.8579



18.0854, 19.5424, 23.0688



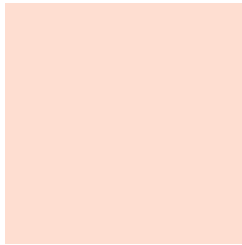
18.2329, 21.3755, 52.5995



1.8692, 2.2691, 5.1527

Previews

White Background



This preview shows how the XYZ color 78.5030, 77.9168, 71.2235 looks on a white background.

Color Contrast Check

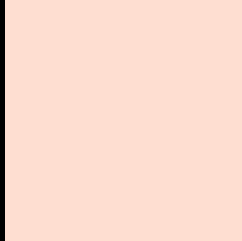
Large Text (above 18pt) WCAG AA × Fail

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 78.5030, 77.9168, 71.2235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

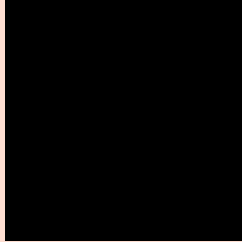
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

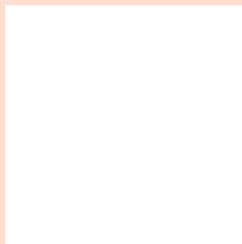
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5030, 77.9168, 71.2235

Background



This preview shows how black text looks on a background with the XYZ color 78.5030, 77.9168, 71.2235.



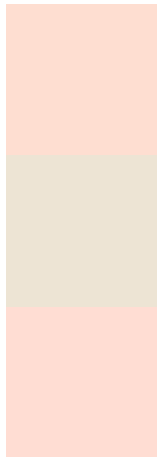
This preview shows how white text looks on a background with the XYZ color 78.5030, 77.9168,

71.2235.

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

78.5030, 77.9168, 71.2235

Protanopia

74.5521, 78.2448, 73.4608

Deuteranopia

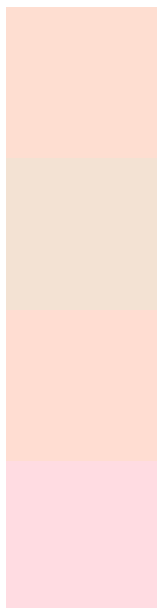
78.8543, 77.6761, 72.4649



Tritanopia

81.5669, 77.9212, 89.3385

Trichromacy



Original Color

78.5030, 77.9168, 71.2235

Protanomaly

75.9164, 78.1505, 72.7114

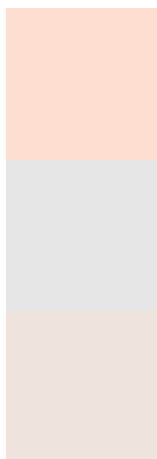
Deuteranomaly

78.7293, 77.6260, 71.8066

Tritanomaly

80.5607, 77.9374, 82.7489

Monochromacy



Original Color

78.5030, 77.9168, 71.2235

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.2505, 78.5628, 80.2525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5030, 77.9168, 71.2235 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(254, 222, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 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(254, 222, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 209) }
```

Border

The CSS property to change the border of an element to XYZ 78.5030, 77.9168, 71.2235 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(254, 222, 209) }
```


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

```
.border{ border-color:rgb(254, 222, 209) }
```

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

Here you see how a box with a 4 pixel rgb(254, 222, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5030, 77.9168, 71.2235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 209) }
```

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

```
.background{ background-color: rgb(254,  
222, 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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