

Converting Colors

XYZ(79.0433, 79.2106, 79.5298)

Have a look what the booklet for XYZ(79.0433, 79.2106, 79.5298) contains.

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Color

**XYZ(79.0433, 79.2106,
79.5298)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E1DD
RGB	249, 225, 221
RGB Percent	98%, 88%, 87%
CMY	0.0235, 0.1176, 0.1333
CMYK	0.00, 0.10, 0.11, 0.02
HSL	9°, 70%, 92%
HSV	9°, 11%, 98%
XYZ	79.0433, 79.2106, 79.5298
YIQ	231.7200, 15.5880, 3.8440

Conversions

Conversions Part 2

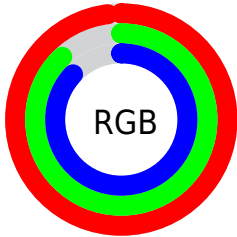
Format	Color
R _Y B	249, 226, 221
Decimal	16376285
CIE Lab	91.33, 7.57, 4.93
CIE LCh	91, 9.035, 33.102
Yxy	79.2106, 0.3324, 0.3331
Android (android.graphics.Color)	4294566365 (0xFFF9E1DD)
YUV	231.7200, -5.2850, 15.1546
Hunter-Lab	89.0003, 2.7795, 9.3193

Details

The XYZ color **79.0433, 79.2106, 79.5298** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5698, 87.5150, 102.3218**, and the grayscale version is **76.5243, 80.5096, 87.6749**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9959, 42.7091, 42.0539** is the 20% darker color. If you saturate the color by 10%, you get **70.5564, 67.1576, 61.5292**, and if you desaturate by 10%, it is **88.7476, 92.9094, 100.3656**.

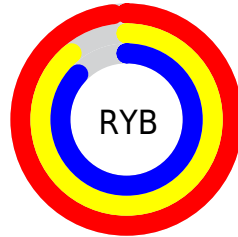
Distribution



Red (98%)

Green (88%)

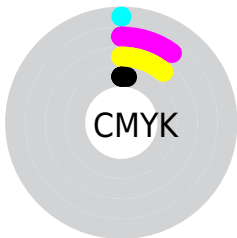
Blue (87%)



Red (98%)

Yellow (89%)

Blue (87%)

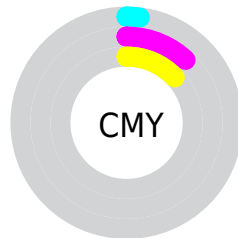


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.0433, 79.2106, 79.5298 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 79.0433, 79.2106, 79.5298 by changing the saturation by 10% instead.


 79.0433, 79.2106,
79.5298

 79.0433, 79.2106,
79.5298


480.4886,
492.2685, 513.0117

 59.2372, 59.0690,
58.8076


130.9774,
132.2553, 134.5099

 43.0512, 42.6686,
42.0393

163.8361,
165.9272, 169.6048

 30.1200, 29.6252,
28.8062


201.7764,
204.8779, 210.3278

 20.0782, 19.5543,
18.6900

245.1636,
249.4919, 257.0973

 12.5605, 12.0715,
11.2719

294.3630,
300.1536, 310.3320

 7.2015, 6.7924,
6.1336

349.7401,

 3.6359, 3.3326,

357.2473, 370.4502

2.8564

411.6602,
421.1575, 437.8706

■ 1.4983, 1.3077,
1.0218

■ 0.3247, 0.1472,
0.0000

■ 79.0433, 79.2106,
79.5298

■ 79.0433, 79.2106,
79.5298

■ 70.5564, 67.1576,
61.5292

■ 88.7476, 92.9094,
100.3656

■ 63.2324, 56.6782,
46.2361

■ 92.8773, 98.8799,
108.7983

■ 57.0220, 47.7104,
33.5208

■ 51.8701, 40.1841,
23.2409

■ 47.7168, 34.0238,
15.2400

■ 44.4961, 29.1467,
9.3435

■ 42.1336, 25.4611,
5.3516

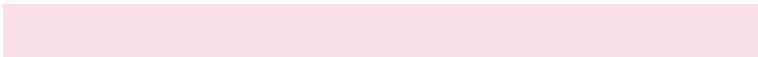
■ 40.5431, 22.8628,
3.0251

■ 39.6865, 21.3782,
2.0347

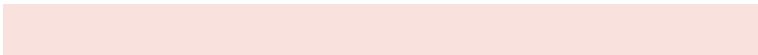
Harmonies

Analogous

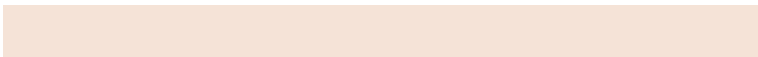
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7784, 79.2106, 85.5650



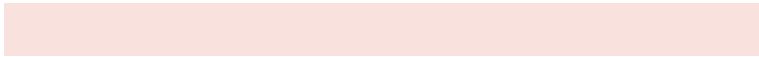
79.0433, 79.2106, 79.5298



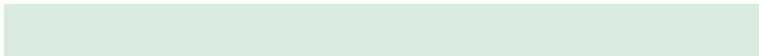
77.3006, 79.2106, 75.4639

Triad

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



79.0433, 79.2106, 79.5298



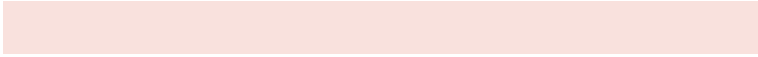
71.4215, 79.2106, 80.6569



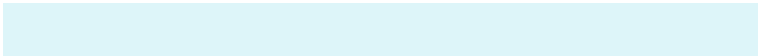
75.5263, 79.2106, 99.4866

Complementary

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



79.0433, 79.2106, 79.5298



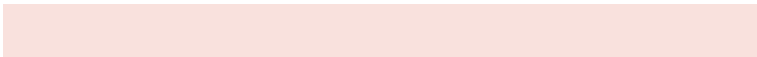
79.5698, 87.5150, 102.3218

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.



73.3093, 79.2106, 98.0111



79.0433, 79.2106, 79.5298



70.9680, 79.2106, 86.9323

Square

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



79.0433, 79.2106, 79.5298



72.9038, 79.2106, 76.0910



71.6522, 79.2106, 93.3319



77.7222, 79.2106, 97.2685

Rectangle

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



79.0433, 79.2106, 79.5298



75.8183, 79.2106, 74.3032



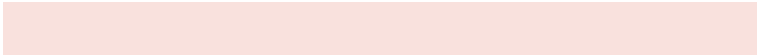
71.6522, 79.2106, 93.3319



74.7588, 79.2106, 99.4064

Sweetspot

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



79.0455, 79.2141, 79.5315



91.7867, 95.4052, 101.8565



81.4466, 78.4627, 97.4529



19.4638, 20.1636, 21.4087



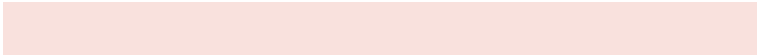
0.0000, 0.0000, 0.0000



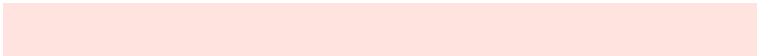
20.3446, 21.4041, 23.3091

Same Dimension

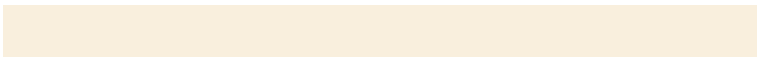
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0455, 79.2141, 79.5315



81.7620, 81.2405, 80.3735



82.9076, 86.9382, 80.8188



17.4448, 17.6255, 17.9450



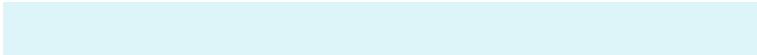
21.3035, 11.5637, 1.1092



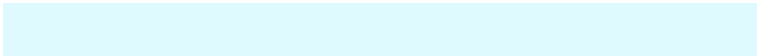
2.0318, 1.1885, 0.1223

Inverse Universe

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



79.5698, 87.5150, 102.3218



82.3945, 91.2583, 107.8797



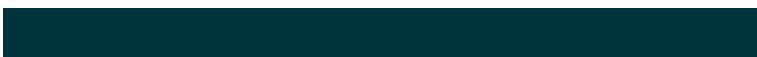
75.5694, 79.5141, 100.9883



17.5418, 19.1605, 22.1591



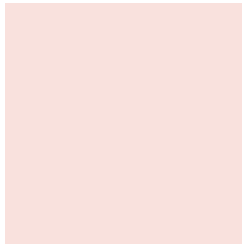
22.0228, 29.4011, 52.4878



2.0958, 2.8352, 4.8800

Previews

White Background



This preview shows how the XYZ color 79.0433, 79.2106, 79.5298 looks on a white background.

Color Contrast Check

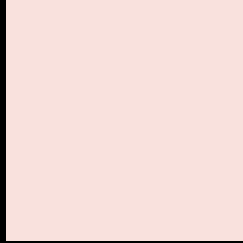
Large Text (above 18pt) WCAG AA × Fail

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 79.0433, 79.2106, 79.5298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

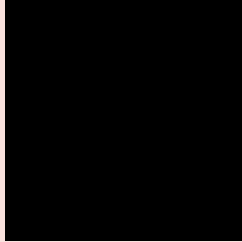
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

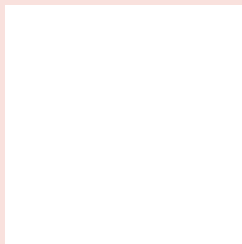
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0433, 79.2106, 79.5298

Background



This preview shows how black text looks on a background with the XYZ color 79.0433, 79.2106, 79.5298.



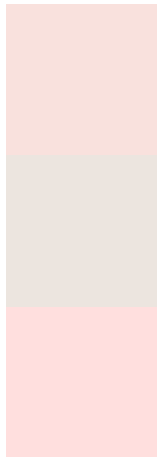
This preview shows how white text looks on a background with the XYZ color 79.0433, 79.2106,

79.5298.

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

79.0433, 79.2106, 79.5298

Protanopia

75.9307, 79.1992, 81.0970

Deuteranopia

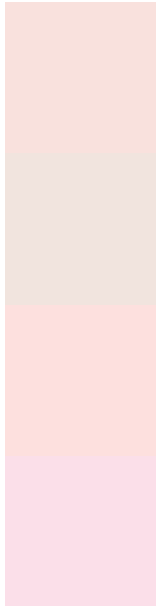
80.8125, 79.3093, 80.1562



Tritanopia

81.9943, 79.2293, 93.4093

Trichromacy



Original Color

79.0433, 79.2106, 79.5298

Protanomaly

77.2038, 79.4615, 80.3758

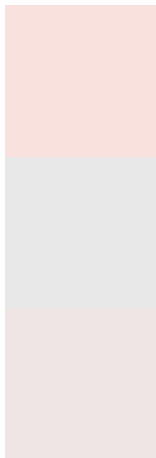
Deuteranomaly

80.3485, 79.4679, 80.2113

Tritanomaly

80.8793, 79.1678, 88.1089

Monochromacy



Original Color

79.0433, 79.2106, 79.5298

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2828, 79.8172, 84.7318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0433, 79.2106, 79.5298 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(249, 225, 221) looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 221)  
}
```

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(249, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 221) }
```

Border

The CSS property to change the border of an element to XYZ 79.0433, 79.2106, 79.5298 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(249, 225, 221) }
```


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

```
.border{ border-color:rgb(249, 225, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0433, 79.2106, 79.5298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 221) }
```

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

```
.background{ background-color: rgb(249,  
225, 221) }
```

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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