

Converting Colors

XYZ(78.9158, 82.0442, 74.2559)

Have a look what the booklet for
XYZ(78.9158, 82.0442, 74.2559)
contains.

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Color

**XYZ(79.0980, 82.2408,
73.9925)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7E8D4 |
| RGB | 247, 232, 212 |
| RGB Percent | 97%, 91%, 83% |
| CMY | 0.0314, 0.0902, 0.1686 |
| CMYK | 0.00, 0.06, 0.14, 0.03 |
| HSL | 34°, 69%, 90% |
| HSV | 34°, 14%, 97% |
| XYZ | 79.0980, 82.2408, 73.9925 |
| YIQ | 234.2050, 15.3600, -3.0400 |

Conversions

Conversions Part 2

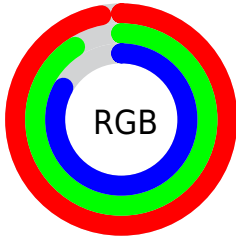
| Format | Color |
|-------------------------------------|---|
| RYB | 238, 247, 212 |
| Decimal | 16246996 |
| CIELab | 92.68, 1.85, 11.55 |
| CIELCh | 93, 11.693, 80.889 |
| Yxy | 82.2408, 0.3361, 0.3495 |
| Android (android.graphics.Color) | 4294437076 (0xFFFF7E8D4) |
| YUV | 234.2050, -10.9471, 11.2212 |
| Hunter-Lab | 90.6867, -3.0120, 15.1052 |

Details

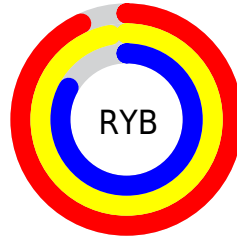
The XYZ color **79.0980, 82.2408, 73.9925** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.4087, 75.6491, 98.8344**, and the grayscale version is **78.4360, 82.5208, 89.8651**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8463, 44.4321, 38.2163** is the 20% darker color. If you saturate the color by 10%, you get **73.3285, 75.3120, 57.8551**, and if you desaturate by 10%, it is **85.5281, 89.7264, 92.7037**.

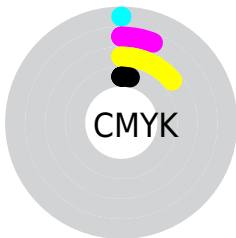
Distribution



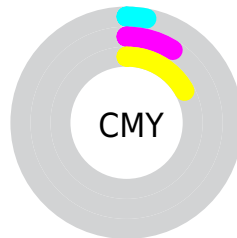
- Red (97%)
- Green (91%)
- Blue (83%)



- Red (93%)
- Yellow (97%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.0980, 82.2408, 73.9925 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 79.0980, 82.2408, 73.9925 by changing the saturation by 10% instead.


 79.0980, 82.2408,
73.9925

 79.0980, 82.2408,
73.9925


480.6708,
502.4528, 493.6102

 59.2823, 61.5640,
54.2912


131.0540,
136.5116, 126.6191

 43.0877, 44.6805,
38.4397


163.9250,
170.8745, 160.3815

 30.1487, 31.2059,
26.0197


201.8785,
210.5682, 199.6679

 20.1001, 20.7557,
16.6125

245.2799,
255.9771, 244.8970

 12.5765, 12.9455,
9.7995

294.4944,
307.4856, 296.4872

 7.2126, 7.3910,
5.1624

349.8875,

 3.6429, 3.7078,

365.4781, 354.8571

2.2825

411.8245,
430.3391, 420.4253

■ 1.5022, 1.5115,
0.7214

■ 0.3273, 0.2968,
0.0000

■ 79.0980, 82.2408,
73.9925

■ 79.0980, 82.2408,
73.9925

■ 73.3285, 75.3120,
57.8551

■ 85.5281, 89.7264,
92.7037

■ 68.1881, 68.9141,
44.1713

■ 91.5873, 97.3527,
108.5715

■ 63.6526, 63.0350,
32.8195

■ 92.1681, 98.5143,
108.7651

■ 59.6935, 57.6580,
23.6652

■ 56.2793, 52.7651,
16.5602

■ 53.3751, 48.3368,
11.3377

■ 50.9407, 44.3511,
7.8040

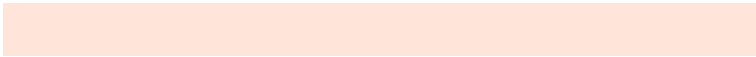
■ 48.9278, 40.7826,
5.7229

■ 47.9090, 38.8763,
4.9788

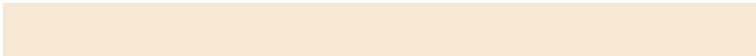
Harmonies

Analogous

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



81.9185, 82.2408, 77.1582



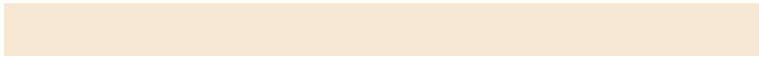
79.0980, 82.2408, 73.9925



76.0988, 82.2408, 74.7793

Triad

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



79.0980, 82.2408, 73.9925



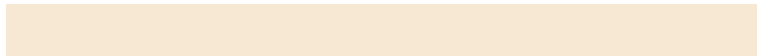
72.8251, 82.2408, 95.6576



82.7979, 82.2408, 100.5434

Complementary

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



79.0980, 82.2408, 73.9925



71.4087, 75.6491, 98.8344

Split Complementary

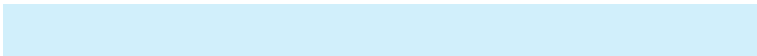
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.2732, 82.2408, 106.1396



79.0980, 82.2408, 73.9925



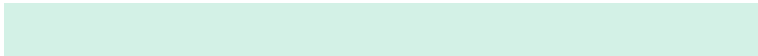
74.5327, 82.2408, 103.1940

Square

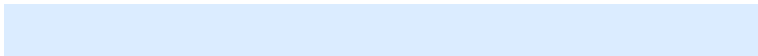
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0980, 82.2408, 73.9925



72.5290, 82.2408, 86.9178



77.2442, 82.2408, 107.1399



84.0908, 82.2408, 92.2272

Rectangle

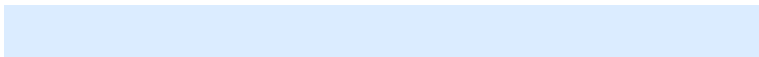
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0980, 82.2408, 73.9925



74.3980, 82.2408, 77.4613



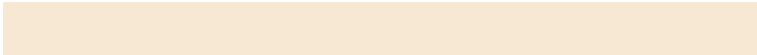
77.2442, 82.2408, 107.1399



82.0621, 82.2408, 102.8270

Sweetspot

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



79.1002, 82.2444, 73.9943



92.0726, 96.6038, 100.0198



75.7903, 72.4175, 82.7781



19.5903, 20.5428, 21.0620



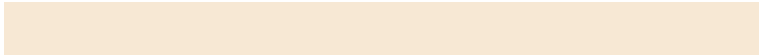
0.0000, 0.0000, 0.0000



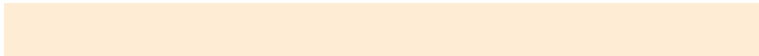
20.3446, 21.4041, 23.3091

Same Dimension

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



79.1002, 82.2444, 73.9943



83.1982, 86.2331, 74.3158



82.6852, 90.6283, 75.4236



17.2855, 18.0551, 17.3715



25.4812, 20.8479, 2.6811



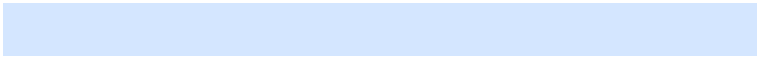
2.3414, 2.0361, 0.2696

Inverse Universe

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



71.4087, 75.6491, 98.8344



73.4594, 77.8827, 105.7689



68.1620, 68.1499, 97.5580



16.1649, 17.0942, 20.9901



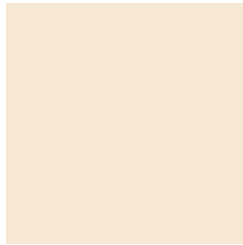
11.7295, 9.2528, 47.7058



1.1307, 1.0129, 4.2261

Previews

White Background



This preview shows how the XYZ color 79.0980, 82.2408, 73.9925 looks on a white background.

Color Contrast Check

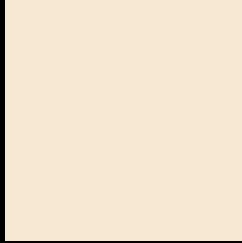
Large Text (above 18pt) WCAG AA × Fail

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 79.0980, 82.2408, 73.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

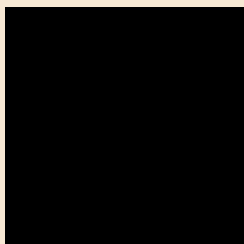
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

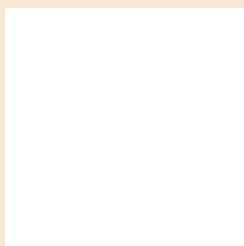
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.0980, 82.2408, 73.9925

Background



This preview shows how black text looks on a background with the XYZ color 79.0980, 82.2408, 73.9925.



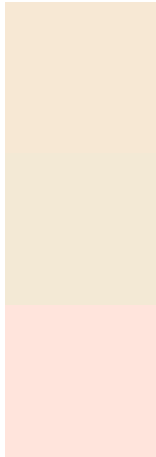
This preview shows how white text looks on a background with the XYZ color 79.0980, 82.2408,

73.9925.

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

79.0980, 82.2408, 73.9925

Protanopia

78.1113, 82.1366, 74.6878

Deuteranopia

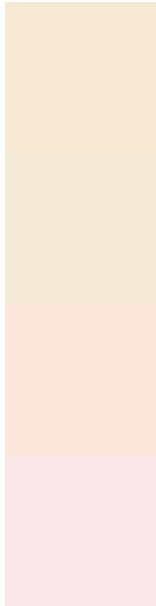
81.9017, 81.9141, 79.2045



Tritanopia

83.7342, 82.0400, 97.8082

Trichromacy



Original Color

79.0980, 82.2408, 73.9925

Protanomaly

78.4574, 82.3150, 74.7040

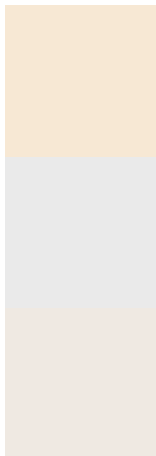
Deuteranomaly

80.6886, 81.7438, 77.1710

Tritanomaly

82.1516, 82.2458, 88.6360

Monochromacy



Original Color

79.0980, 82.2408, 73.9925

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4630, 82.1195, 83.6667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.0980, 82.2408, 73.9925 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(247, 232, 212) looks like.

```
.text, #text, p{  
    color:rgb(247, 232, 212)  
}
```

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(247, 232, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 232, 212) }
```

Border

The CSS property to change the border of an element to XYZ 79.0980, 82.2408, 73.9925 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(247, 232, 212) }
```


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

```
.border{ border-color:rgb(247, 232, 212) }
```

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

Here you see how a box with a 4 pixel rgb(247, 232, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 232, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 232, 212);  
box-shadow:4px 4px 4px 4px rgb(247, 232,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 79.0980, 82.2408, 73.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 232, 212) }
```

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

```
.background{ background-color: rgb(247,  
232, 212) }
```

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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