

Converting Colors

XYZ(79.0595, 79.6810, 77.6726)

Have a look what the booklet for
XYZ(79.0595, 79.6810, 77.6726)
contains.

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Color

**XYZ(78.9182, 79.5944,
77.5335)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F9E2DA |
| RGB | 249, 226, 218 |
| RGB Percent | 98%, 89%, 85% |
| CMY | 0.0235, 0.1137, 0.1451 |
| CMYK | 0.00, 0.09, 0.12, 0.02 |
| HSL | 15°, 72%, 92% |
| HSV | 15°, 12%, 98% |
| XYZ | 78.9182, 79.5944, 77.5335 |
| YIQ | 231.9650, 16.2760, 2.3880 |

Conversions

Conversions Part 2

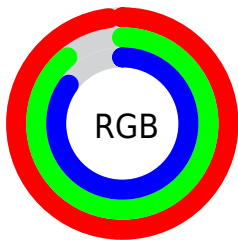
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 249, 229, 218 |
| Decimal | 16376538 |
| CIELab | 91.50, 6.57, 6.75 |
| CIELCh | 92, 9.425, 45.765 |
| Yxy | 79.5944, 0.3343, 0.3372 |
| Android (android.graphics.Color) | 4294566618 (0xFFFF9E2DA) |
| YUV | 231.9650, -6.8847, 14.9397 |
| Hunter-Lab | 89.2157, 1.7696, 10.9246 |

Details

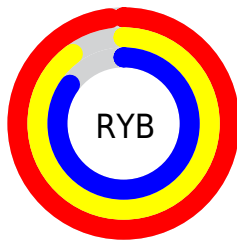
The XYZ color **78.9182, 79.5944, 77.5335** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4673, 84.6540, 101.8803**, and the grayscale version is **76.7188, 80.7141, 87.8977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9120, 42.9766, 40.6839** is the 20% darker color. If you saturate the color by 10%, you get **71.1470, 68.8802, 60.0568**, and if you desaturate by 10%, it is **87.7244, 91.5937, 97.7720**.

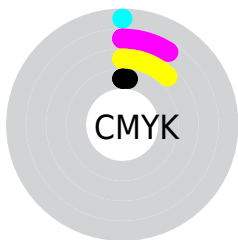
Distribution



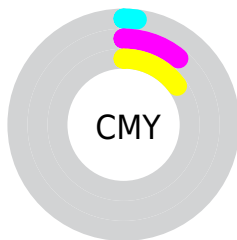
- Red (98%)
- Green (89%)
- Blue (85%)



- Red (98%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (2%)




- Cyan (2%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9182, 79.5944, 77.5335 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 78.9182, 79.5944, 77.5335 by changing the saturation by 10% instead.

 78.9182, 79.5944,
77.5335

 78.9182, 79.5944,
77.5335


480.0718,
493.5649, 506.0670

 59.1340, 59.3846,
57.1767


130.8022,
132.7953, 131.6722

 42.9677, 42.9228,
40.7368


163.6327,
166.5553, 166.2911

 30.0542, 29.8246,
27.7953


201.5427,
205.6008, 206.5011

 20.0280, 19.7055,
17.9337

244.8975,
250.3162, 252.7208

 12.5238, 12.1811,
10.7335

294.0624,
301.0859, 305.3687

 7.1762, 6.8672,
5.7760

349.4029,

 3.6198, 3.3792,

358.2943, 364.8634

2.6428

411.2842,
422.3259, 431.6233

■ 1.4894, 1.3327,
0.9144

■ 0.3186, 0.1663,
0.0000

■ 78.9182, 79.5944,
77.5335

■ 78.9182, 79.5944,
77.5335

■ 71.1470, 68.8802,
60.0568

■ 87.7244, 91.5937,
97.7720

■ 64.3655, 59.3976,
45.2167

■ 92.8773, 98.8799,
108.7983

■ 58.5344, 51.1048,
32.8856

■ 53.6095, 43.9540,
22.9232

■ 49.5425, 37.8934,
15.1757

■ 46.2806, 32.8676,
9.4703

■ 43.7644, 28.8156,
5.6088

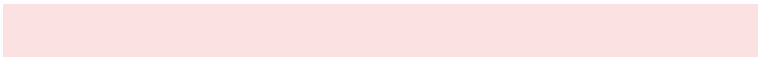
■ 41.9246, 25.6693,
3.3522

■ 40.9173, 23.8400,
2.4450

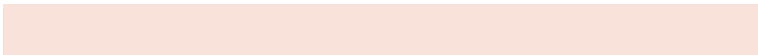
Harmonies

Analogous

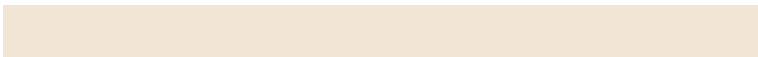
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1821, 79.5944, 83.1222



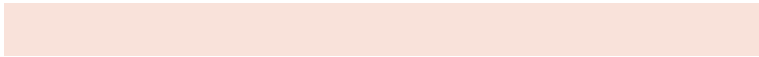
78.9182, 79.5944, 77.5335



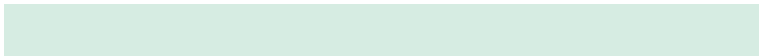
76.7928, 79.5944, 74.4716

Triad

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



78.9182, 79.5944, 77.5335



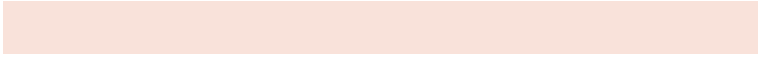
71.2653, 79.5944, 83.4545



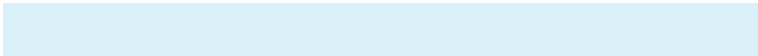
76.9132, 79.5944, 100.0205

Complementary

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



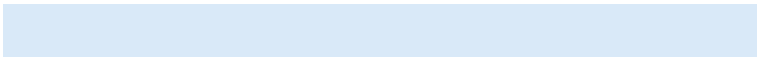
78.9182, 79.5944, 77.5335



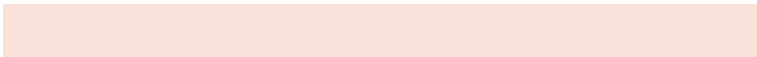
77.4673, 84.6540, 101.8803

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.



74.5227, 79.5944, 100.1211



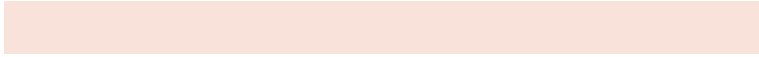
78.9182, 79.5944, 77.5335



71.2960, 79.5944, 90.3066

Square

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



78.9182, 79.5944, 77.5335



72.3926, 79.5944, 77.7656



72.4774, 79.5944, 96.4862



79.0079, 79.5944, 96.2182

Rectangle

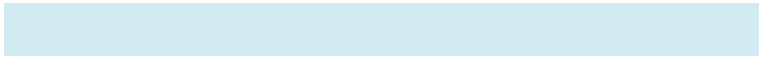
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9182, 79.5944, 77.5335



75.1893, 79.5944, 74.1656



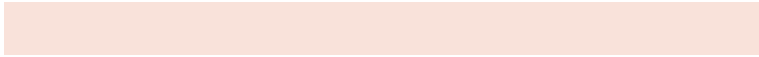
72.4774, 79.5944, 96.4862



76.1168, 79.5944, 100.4948

Sweetspot

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



78.9204, 79.5979, 77.5352



91.0845, 94.6275, 99.6905



80.0539, 76.6495, 93.9915



19.3405, 20.0432, 20.9788



0.0000, 0.0000, 0.0000



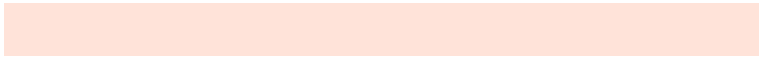
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9204, 79.5979, 77.5352



81.0989, 80.9908, 76.8337



83.2521, 88.2614, 78.9791



17.6089, 17.9537, 17.9997



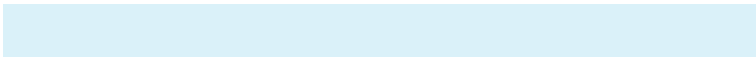
21.9987, 12.9541, 1.3409



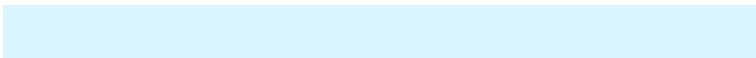
2.1192, 1.3632, 0.1514

Inverse Universe

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



77.4673, 84.6540, 101.8803



79.2808, 87.3130, 107.2823



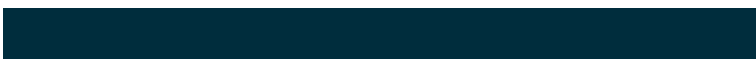
73.1418, 76.0030, 100.4385



17.3643, 18.8054, 22.0999



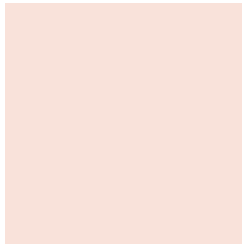
18.5274, 22.4103, 51.3227



1.8013, 2.2463, 4.7818

Previews

White Background



This preview shows how the XYZ color 78.9182, 79.5944, 77.5335 looks on a white background.

Color Contrast Check

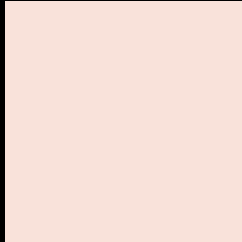
Large Text (above 18pt) WCAG AA × Fail

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 78.9182, 79.5944, 77.5335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

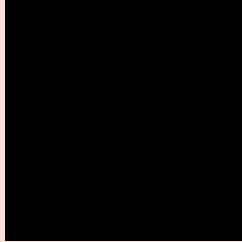
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

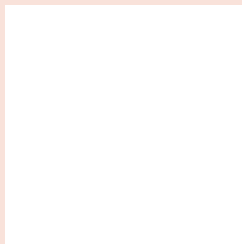
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9182, 79.5944, 77.5335

Background



This preview shows how black text looks on a background with the XYZ color 78.9182, 79.5944, 77.5335.

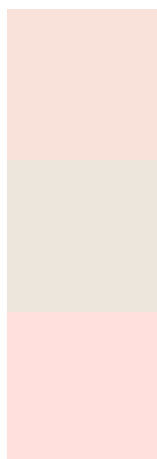


This preview shows how white text looks on a background with the XYZ color 78.9182, 79.5944,

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

78.9182, 79.5944, 77.5335

Protanopia

76.1401, 79.7655, 79.0934

Deuteranopia

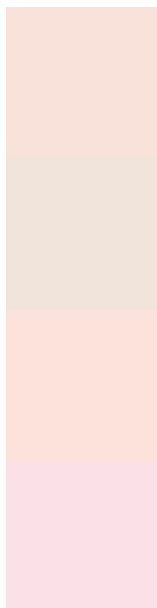
80.8139, 79.7386, 78.8419



Tritanopia

82.2607, 79.7621, 93.4981

Trichromacy



Original Color

78.9182, 79.5944, 77.5335

Protanomaly

77.0811, 79.8539, 78.3686

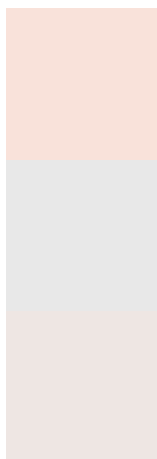
Deuteranomaly

80.2194, 79.8475, 78.2019

Tritanomaly

81.0048, 79.6467, 87.4479

Monochromacy



Original Color

78.9182, 79.5944, 77.5335

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.4218, 80.3168, 84.0952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9182, 79.5944, 77.5335 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, 226, 218) looks like.

```
.text, #text, p{  
    color:rgb(249, 226, 218)  
}
```

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, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 226, 218) }
```

Border

The CSS property to change the border of an element to XYZ 78.9182, 79.5944, 77.5335 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, 226, 218) }
```


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

```
.border{ border-color:rgb(249, 226, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(249, 226,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9182, 79.5944, 77.5335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 226, 218) }
```

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

```
.background{ background-color: rgb(249,  
226, 218) }
```

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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