

Converting Colors

XYZ(79.0976, 80.0035, 81.7973)

Have a look what the booklet for
XYZ(79.0976, 80.0035, 81.7973)
contains.

XYZ(78.9297, 79.9128, 81.7857)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.9297, 79.9128,
81.7857)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E3E0
RGB	246, 227, 224
RGB Percent	96%, 89%, 88%
CMY	0.0353, 0.1098, 0.1216
CMYK	0.00, 0.08, 0.09, 0.04
HSL	8°, 55%, 92%
HSV	8°, 9%, 96%
XYZ	78.9297, 79.9128, 81.7857
YIQ	232.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

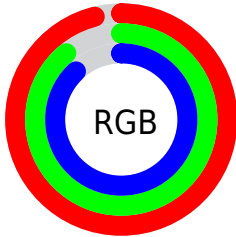
Format	Color
R _Y B	246, 227, 224
Decimal	16180192
CIE Lab	91.65, 5.98, 3.79
CIE LCh	92, 7.082, 32.381
Yxy	79.9128, 0.3280, 0.3321
Android (android.graphics.Color)	4294370272 (0xFF6E3E0)
YUV	232.3390, -4.1111, 11.9807
Hunter-Lab	89.3940, 1.1658, 8.3319

Details

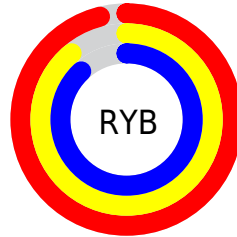
The XYZ color **78.9297, 79.9128, 81.7857** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.4255, 86.6009, 99.7193**, and the grayscale version is **76.9809, 80.9899, 88.1980**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1492, 43.3168, 43.6229** is the 20% darker color. If you saturate the color by 10%, you get **70.3767, 67.7648, 63.6482**, and if you desaturate by 10%, it is **88.6866, 93.6944, 102.7078**.

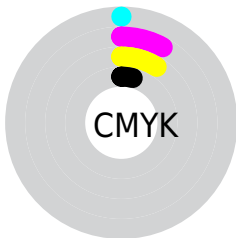
Distribution



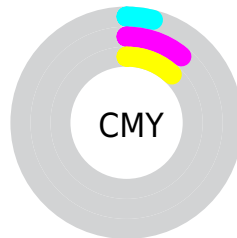
- Red (96%)
- Green (89%)
- Blue (88%)



- Red (96%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9297, 79.9128, 81.7857 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 78.9297, 79.9128, 81.7857 by changing the saturation by 10% instead.


 78.9297, 79.9128,
81.7857

 78.9297, 79.9128,
81.7857


480.1101,
494.6389, 520.7952

 59.1434, 59.6466,
60.6541


130.8183,
133.2431, 137.7074

 42.9754, 43.1338,
43.5174


163.6514,
167.0760, 173.3347

 30.0603, 29.9901,
29.9568


201.5642,
206.2000, 214.6308

 20.0326, 19.8311,
19.5541

244.9219,
250.9993, 262.0145

 12.5272, 12.2723,
11.8905

294.0900,
301.8585, 315.9043

 7.1785, 6.9294,
6.5475

349.4339,

 3.6213, 3.4180,

359.1619, 376.7186

3.1066

411.3188,
423.2939, 444.8761

■ 1.4902, 1.3537,
1.1493

■ 0.3192, 0.1822,
0.0000

■ 78.9297, 79.9128,
81.7857

■ 78.9297, 79.9128,
81.7857

■ 70.3767, 67.7648,
63.6482

■ 88.6866, 93.6944,
102.7078

■ 62.9744, 57.1795,
48.1729

■ 91.8165, 98.3331,
108.7487

■ 56.6753, 48.0966,
35.2357

■ 51.4260, 40.4477,
24.7007

■ 47.1688, 34.1592,
16.4195

■ 43.8401, 29.1507,
10.2268

■ 41.3690, 25.3335,
5.9348

■ 39.6737, 22.6072,
3.3217

■ 38.6467, 20.8507,
2.0624

Harmonies

Analogous

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



79.4827, 79.9128, 86.5983



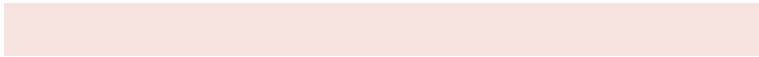
78.9297, 79.9128, 81.7857



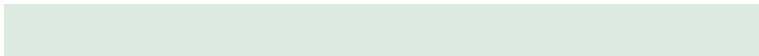
77.5784, 79.9128, 78.4814

Triad

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



78.9297, 79.9128, 81.7857



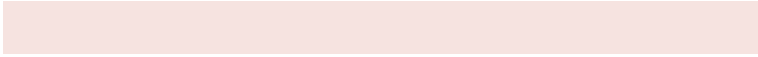
72.9148, 79.9128, 82.4753



76.0993, 79.9128, 97.3470

Complementary

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



78.9297, 79.9128, 81.7857



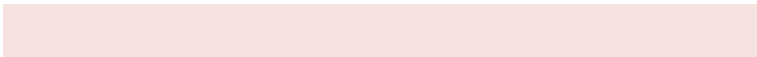
79.4255, 86.6009, 99.7193

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.



74.3539, 79.9128, 96.1382



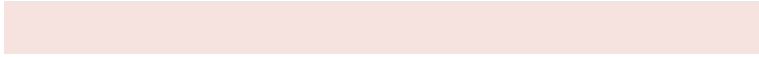
78.9297, 79.9128, 81.7857



72.5327, 79.9128, 87.4259

Square

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



78.9297, 79.9128, 81.7857



74.1074, 79.9128, 78.8683



73.0554, 79.9128, 92.4552



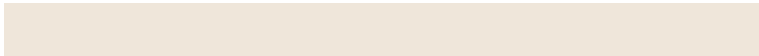
77.8325, 79.9128, 95.6966

Rectangle

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



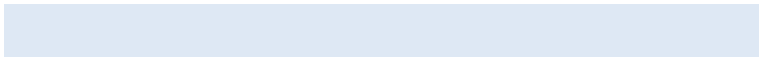
78.9297, 79.9128, 81.7857



76.4168, 79.9128, 77.5081



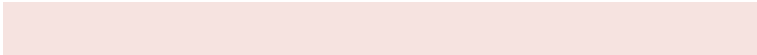
73.0554, 79.9128, 92.4552



75.4946, 79.9128, 97.2615

Sweetspot

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



78.9319, 79.9163, 81.7874



91.7714, 95.3748, 101.8514



80.8505, 79.3804, 95.9085



19.4597, 20.1554, 21.4073



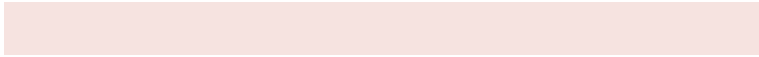
0.0000, 0.0000, 0.0000



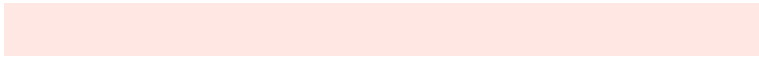
20.3446, 21.4041, 23.3091

Same Dimension

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



78.9319, 79.9163, 81.7874



83.6127, 83.8322, 84.4112



82.0168, 86.0861, 82.8157



16.6816, 16.8473, 17.1702



20.6428, 11.1712, 1.0683



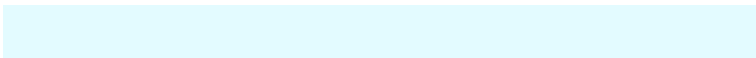
1.8699, 1.0930, 0.1124

Inverse Universe

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



79.4255, 86.6009, 99.7193



84.2630, 92.6432, 108.0485



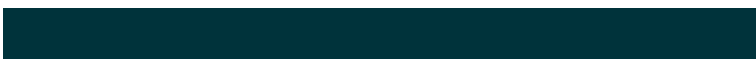
76.2515, 80.2531, 98.6613



16.7925, 18.3492, 21.1993



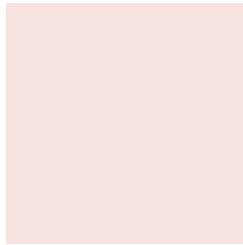
21.5767, 28.9471, 50.9882



1.9486, 2.6486, 4.4988

Previews

White Background



This preview shows how the XYZ color 78.9297, 79.9128, 81.7857 looks on a white background.

Color Contrast Check

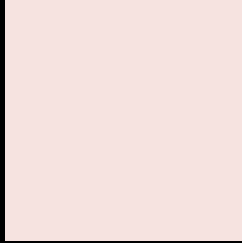
Large Text (above 18pt) WCAG AA × Fail

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 78.9297, 79.9128, 81.7857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

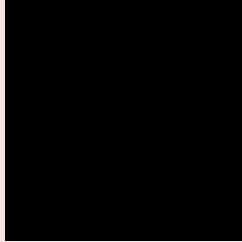
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

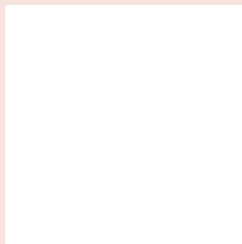
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9297, 79.9128, 81.7857

Background



This preview shows how black text looks on a background with the XYZ color 78.9297, 79.9128, 81.7857.



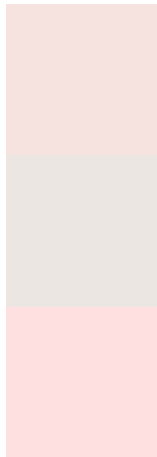
This preview shows how white text looks on a background with the XYZ color 78.9297, 79.9128,

81.7857.

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

78.9297, 79.9128, 81.7857

Protanopia

76.6164, 79.9175, 83.3390

Deuteranopia

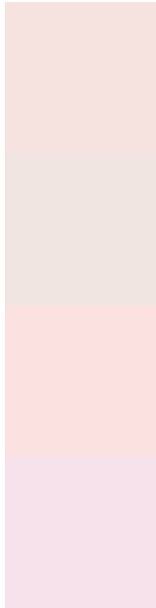
81.4863, 80.0076, 82.3824



Tritanopia

81.3941, 79.6786, 95.0940

Trichromacy



Original Color

78.9297, 79.9128, 81.7857

Protanomaly

77.5451, 80.0001, 82.5887

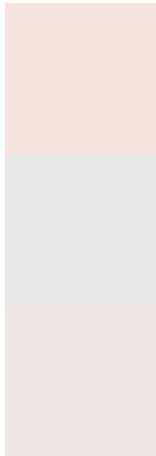
Deuteranomaly

80.6607, 79.9821, 82.4210

Tritanomaly

80.2784, 79.6227, 89.7349

Monochromacy



Original Color

78.9297, 79.9128, 81.7857

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.3647, 80.2553, 85.5420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9297, 79.9128, 81.7857 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(246, 227, 224) looks like.

```
.text, #text, p{  
    color:rgb(246, 227, 224)  
}
```

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(246, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 227, 224) }
```

Border

The CSS property to change the border of an element to XYZ 78.9297, 79.9128, 81.7857 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(246, 227, 224) }
```


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

```
.border{ border-color:rgb(246, 227, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(246, 227,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9297, 79.9128, 81.7857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 227, 224) }
```

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

```
.background{ background-color: rgb(246,  
227, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor