

Converting Colors

XYZ(81.7967, 81.3908, 81.9199)

Have a look what the booklet for
XYZ(81.7967, 81.3908, 81.9199)
contains.

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Color

**XYZ(81.7967, 81.3908,
81.9199)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE3E0
RGB	254, 227, 224
RGB Percent	100%, 89%, 88%
CMY	0.0039, 0.1098, 0.1216
CMYK	0.00, 0.11, 0.12, 0.00
HSL	6°, 94%, 94%
HSV	6°, 12%, 100%
XYZ	81.7967, 81.3908, 81.9199
YIQ	234.7310, 17.0550, 4.7910

Conversions

Conversions Part 2

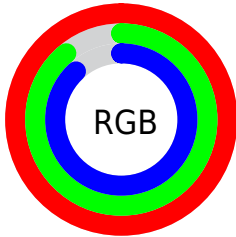
Format	Color
R_{YB}	254, 227, 224
Decimal	16704480
CIE _{Lab}	92.31, 8.76, 4.83
CIE _{LCh}	92, 10.004, 28.872
Yxy	81.3908, 0.3337, 0.3321
Android (android.graphics.Color)	4294894560 (0xFF _{FEE3E0})
YUV	234.7310, -5.2904, 16.8989
Hunter-Lab	90.2168, 3.9607, 9.3145

Details

The XYZ color **81.7967, 81.3908, 81.9199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1267, 91.9957, 107.1426**, and the grayscale version is **78.7928, 82.8962, 90.2740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9399, 44.2399, 43.7067** is the 20% darker color. If you saturate the color by 10%, you get **72.7645, 68.4330, 63.1644**, and if you desaturate by 10%, it is **92.1780, 96.2214, 103.6658**.

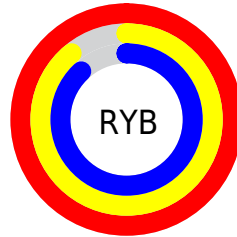
Distribution



Red (100%)

Green (89%)

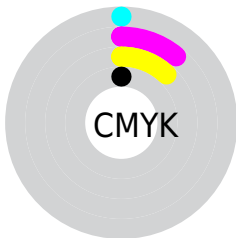
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

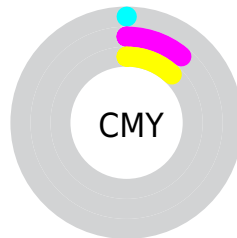


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7967, 81.3908, 81.9199 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 81.7967, 81.3908, 81.9199 by changing the saturation by 10% instead.


 81.7967, 81.3908,
81.9199

 81.7967, 81.3908,
81.9199


489.6122,
499.6077, 521.2561

 61.5115, 60.8635,
60.7641


134.8262,
135.3194, 137.8973

 44.8922, 44.1150,
43.6055


168.3012,
169.4894, 173.5560

 31.5734, 30.7609,
30.0256


206.9035,
208.9759, 214.8861

 21.1899, 20.4169,
19.6058

250.9985,
254.1631, 262.3061

 13.3761, 12.6984,
11.9276

300.9515,
305.4355, 316.2346

 7.7668, 7.2212,
6.5724

357.1279,

 3.9967, 3.6008,

363.1775, 377.0901

3.1218

419.8930,
427.7734, 445.2911

■ 1.7002, 1.4529,
1.1572

■ 0.4564, 0.2552,
0.0000

■ 81.7967, 81.3908,
81.9199

■ 81.7967, 81.3908,
81.9199

■ 72.7645, 68.4330,
63.1644

■ 92.1780, 96.2214,
103.6658

■ 65.0194, 57.2631,
47.2634

94.6835, 99.8110,
108.8828

■ 58.5045, 47.8059,
34.0785

■ 53.1564, 39.9765,
23.4576

■ 48.9056, 33.6829,
15.2334

■ 45.6752, 28.8238,
9.2191

■ 43.3784, 25.2855,
5.1999

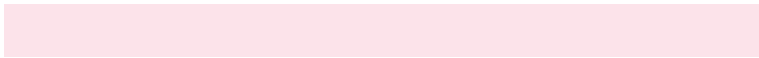
■ 41.9134, 22.9374,
2.9181

■ 41.2305, 21.7851,
2.0319

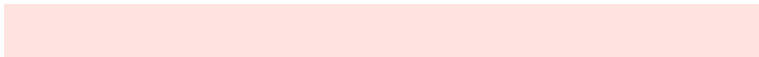
Harmonies

Analogous

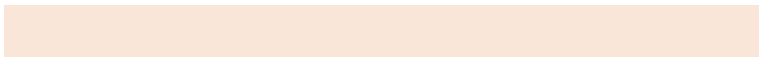
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4390, 81.3908, 88.9013



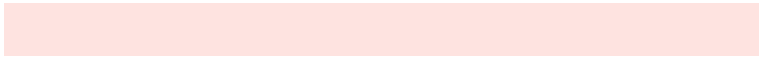
81.7967, 81.3908, 81.9199



79.9589, 81.3908, 76.9793

Triad

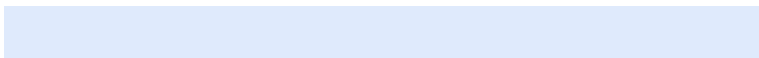
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.7967, 81.3908, 81.9199



73.1800, 81.3908, 81.4601



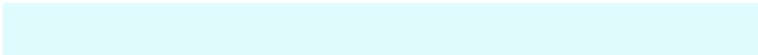
77.2617, 81.3908, 103.6370

Complementary

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



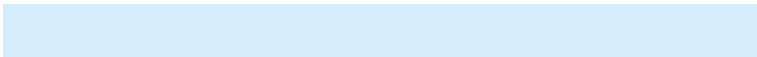
81.7967, 81.3908, 81.9199



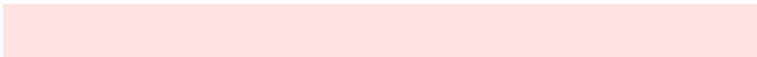
83.1267, 91.9957, 107.1426

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.



74.8170, 81.3908, 101.3804



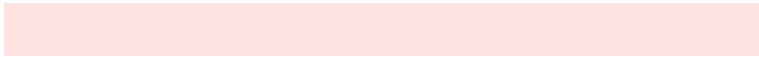
81.7967, 81.3908, 81.9199



72.4931, 81.3908, 88.3407

Square

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



81.7967, 81.3908, 81.9199



74.9830, 81.3908, 76.7244



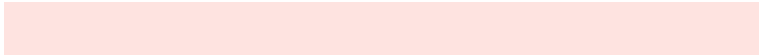
73.0858, 81.3908, 95.6774



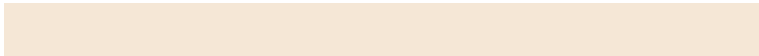
79.7858, 81.3908, 101.6873

Rectangle

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



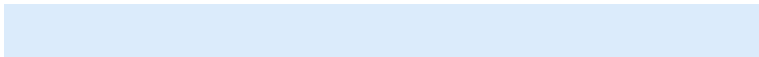
81.7967, 81.3908, 81.9199



78.3233, 81.3908, 75.3676



73.0858, 81.3908, 95.6774



76.4037, 81.3908, 103.3431

Sweetspot

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



81.7990, 81.3944, 81.9216



90.5924, 93.6434, 99.5264



84.9423, 81.3484, 102.4926



19.2164, 19.7951, 20.9374



0.0000, 0.0000, 0.0000



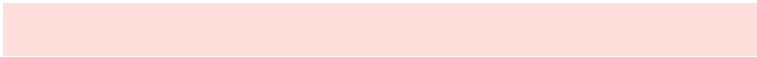
20.3446, 21.4041, 23.3091

Same Dimension

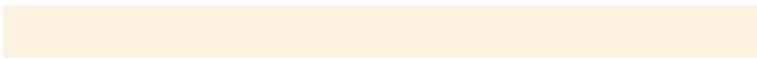
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.7990, 81.3944, 81.9216



80.4201, 79.0990, 78.2541



86.0808, 89.9580, 83.3489



18.1557, 18.2795, 18.7157



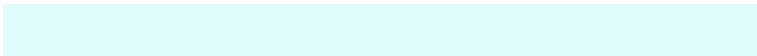
21.7843, 11.5797, 1.0870



2.1674, 1.2202, 0.1213

Inverse Universe

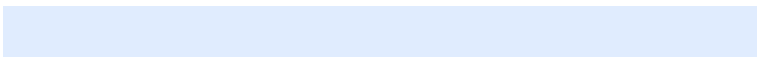
The Inverse Universe completely reimagines the original color for something new.



83.1267, 91.9957, 107.1426



81.9838, 91.5867, 107.9647



78.6264, 82.9951, 105.6425



18.3903, 20.1521, 23.1704



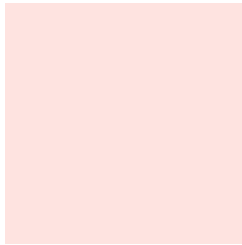
24.2025, 33.3146, 54.5893



2.3996, 3.3299, 5.3295

Previews

White Background



This preview shows how the XYZ color 81.7967, 81.3908, 81.9199 looks on a white background.

Color Contrast Check

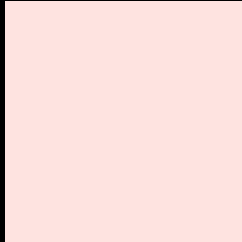
Large Text (above 18pt) WCAG AA × Fail

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 81.7967, 81.3908, 81.9199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

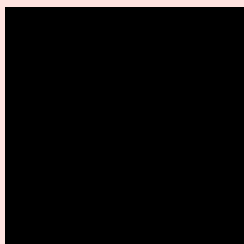
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

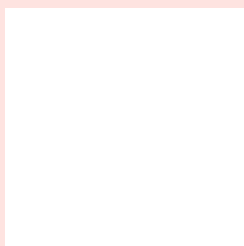
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.7967, 81.3908, 81.9199

Background



This preview shows how black text looks on a background with the XYZ color 81.7967, 81.3908, 81.9199.



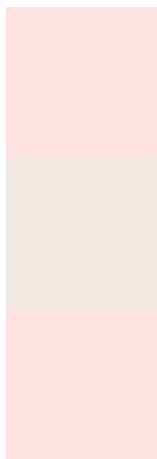
This preview shows how white text looks on a background with the XYZ color 81.7967, 81.3908,

81.9199.

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

81.7967, 81.3908, 81.9199

Protanopia

78.3183, 81.6100, 84.2975

Deuteranopia

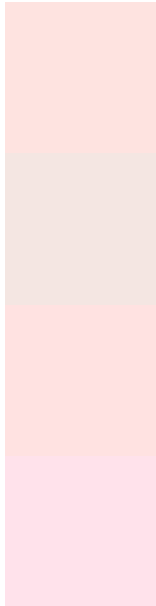
82.1638, 81.1437, 83.2833



Tritanopia

84.0424, 81.4613, 94.5132

Trichromacy



Original Color

81.7967, 81.3908, 81.9199

Protanomaly

79.3325, 81.3177, 83.4661

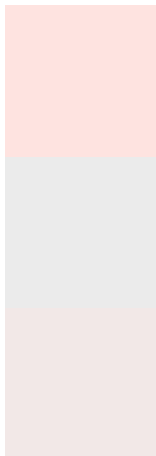
Deuteranomaly

82.0270, 81.0890, 82.5626

Tritanomaly

83.4318, 81.6509, 89.9601

Monochromacy



Original Color

81.7967, 81.3908, 81.9199

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.8984, 82.3600, 87.2873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7967, 81.3908, 81.9199 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, 227, 224) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 227, 224) }
```

Border

The CSS property to change the border of an element to XYZ 81.7967, 81.3908, 81.9199 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, 227, 224) }
```


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

```
.border{ border-color:rgb(254, 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(254, 227, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 227,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7967, 81.3908, 81.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 227, 224) }
```

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

```
.background{ background-color: rgb(254,  
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](#).

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