

Converting Colors

XYZ(117.2357, 99.5091,
83.0816)

Have a look what the booklet for
XYZ(117.2357, 99.5091, 83.0816)
contains.

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Color

**XYZ(82.0284, 81.5259,
81.2247)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3DF
RGB	255, 227, 223
RGB Percent	100%, 89%, 87%
CMY	0.0000, 0.1098, 0.1255
CMYK	0.00, 0.11, 0.13, 0.00
HSL	8°, 100%, 94%
HSV	8°, 13%, 100%
XYZ	82.0284, 81.5259, 81.2247
YIQ	234.9160, 17.9720, 4.6920

Conversions

Conversions Part 2

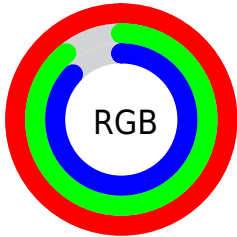
Format	Color
R _Y B	255, 228, 223
Decimal	16770015
CIE Lab	92.37, 8.95, 5.45
CIE LCh	92, 10.479, 31.335
Yxy	81.5259, 0.3351, 0.3331
Android (android.graphics.Color)	4294960095 (0xFFFFE3DF)
YUV	234.9160, -5.8746, 17.6137
Hunter-Lab	90.2917, 4.1536, 9.8680

Details

The XYZ color **82.0284, 81.5259, 81.2247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9777, 91.8997, 107.9728**, and the grayscale version is **78.9371, 83.0480, 90.4393**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1091, 44.3380, 43.2264** is the 20% darker color. If you saturate the color by 10%, you get **73.1346, 68.8323, 62.5565**, and if you desaturate by 10%, it is **92.2343, 96.0146, 102.8869**.

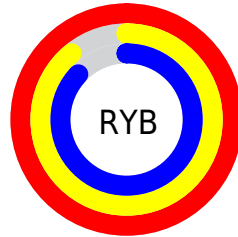
Distribution



Red (100%)

Green (89%)

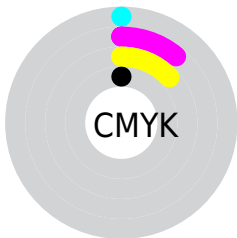
Blue (87%)



Red (100%)

Yellow (89%)

Blue (87%)

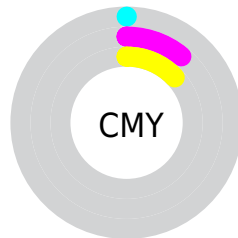


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.0284, 81.5259, 81.2247 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 82.0284, 81.5259, 81.2247 by changing the saturation by 10% instead.


 82.0284, 81.5259,
81.2247

 82.0284, 81.5259,
81.2247

490.3757,
500.0605, 518.8658

 61.7031, 60.9748,
60.1946

135.1494,
135.5090, 136.9131

 45.0476, 44.2048,
43.1492

168.6759,
169.7097, 172.4086

 31.6963, 30.8316,
29.6699


207.3335,
209.2292, 213.5628

 21.2841, 20.4706,
19.3383

251.4876,
254.4517, 260.7945

 13.4455, 12.7376,
11.7357

301.5035,
305.7617, 314.5221

 7.8151, 7.2481,
6.4436

357.7466,

 4.0277, 3.6178,

363.5435, 375.1641

3.0435

420.5822,
428.1817, 443.1392

■ 1.7178, 1.4621,
1.1169

■ 0.4674, 0.2618,
0.0000

■ 82.0284, 81.5259,
81.2247

■ 82.0284, 81.5259,
81.2247

■ 73.1346, 68.8323,
62.5565

■ 92.2343, 96.0146,
102.8869

■ 65.4942, 57.8539,
46.7455

95.0500, 100.0000,
108.9000

■ 59.0521, 48.5203,
33.6521

■ 53.7470, 40.7519,
23.1228

■ 49.5121, 34.4626,
14.9888

■ 46.2734, 29.5579,
9.0610

■ 43.9475, 25.9324,
5.1218

■ 42.4366, 23.4651,
2.9087

■ 41.7542, 22.2883,
2.1014

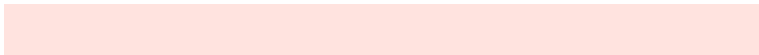
Harmonies

Analogous

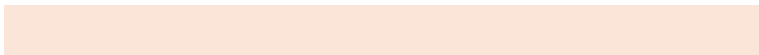
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8196, 81.5259, 88.4202



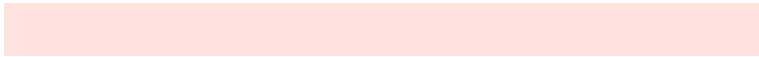
82.0284, 81.5259, 81.2247



80.0166, 81.5259, 76.2966

Triad

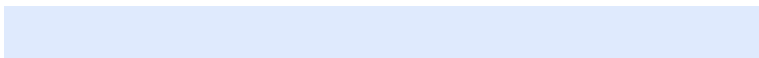
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0284, 81.5259, 81.2247



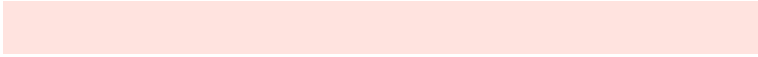
73.0013, 81.5259, 81.7943



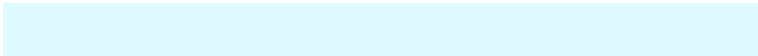
77.6095, 81.5259, 104.5529

Complementary

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



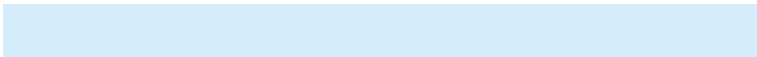
82.0284, 81.5259, 81.2247



82.9777, 91.8997, 107.9728

Split Complementary

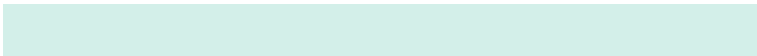
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0131, 81.5259, 102.5290



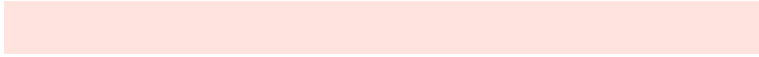
82.0284, 81.5259, 81.2247



72.3901, 81.5259, 89.1164

Square

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



82.0284, 81.5259, 81.2247



74.8073, 81.5259, 76.6117



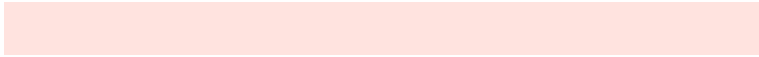
73.1182, 81.5259, 96.7641



80.2319, 81.5259, 102.1463

Rectangle

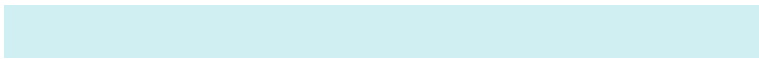
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



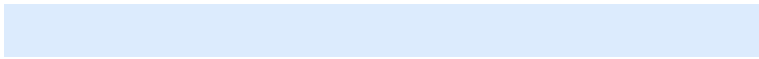
82.0284, 81.5259, 81.2247



78.2763, 81.5259, 74.8057



73.1182, 81.5259, 96.7641



76.7049, 81.5259, 104.3674

Sweetspot

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



82.0303, 81.5293, 81.2264



90.6700, 93.7985, 99.5523



85.0828, 81.0181, 102.6412



19.2360, 19.8342, 20.9439



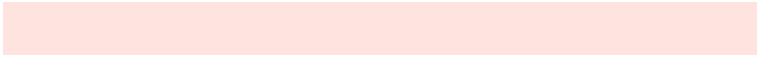
0.0000, 0.0000, 0.0000



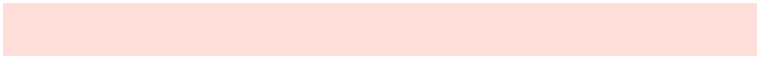
20.3446, 21.4041, 23.3091

Same Dimension

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



82.0303, 81.5293, 81.2264



79.7303, 78.2536, 76.3775



86.5305, 90.5298, 82.7265



18.1925, 18.3532, 18.7280



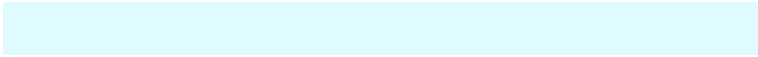
21.8741, 11.7594, 1.1169



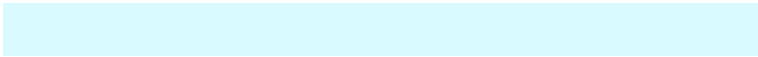
2.1847, 1.2548, 0.1271

Inverse Universe

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



82.9777, 91.8997, 107.9728



80.8429, 90.4371, 107.8030



78.2669, 82.4783, 106.4025



18.3495, 20.0705, 23.1568



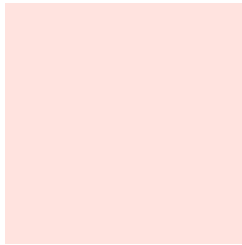
23.3081, 31.5257, 54.2912



2.3215, 3.1736, 5.3035

Previews

White Background



This preview shows how the XYZ color 82.0284, 81.5259, 81.2247 looks on a white background.

Color Contrast Check

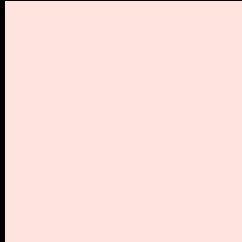
Large Text (above 18pt) WCAG AA × Fail

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 82.0284, 81.5259, 81.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

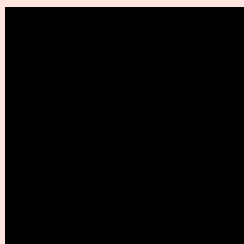
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

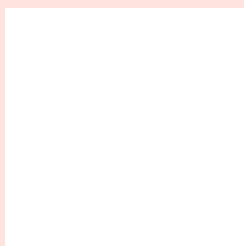
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0284, 81.5259, 81.2247

Background



This preview shows how black text looks on a background with the XYZ color 82.0284, 81.5259, 81.2247.



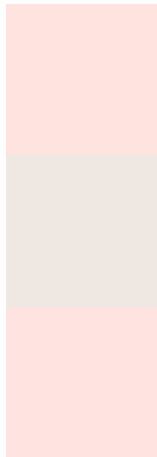
This preview shows how white text looks on a background with the XYZ color 82.0284, 81.5259,

81.2247.

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

82.0284, 81.5259, 81.2247

Protanopia

78.1807, 81.5549, 83.5726

Deuteranopia

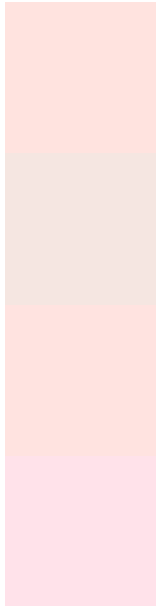
82.2997, 81.6344, 82.6535



Tritanopia

84.0424, 81.4613, 94.5132

Trichromacy



Original Color

82.0284, 81.5259, 81.2247

Protanomaly

79.5436, 81.4423, 82.7617

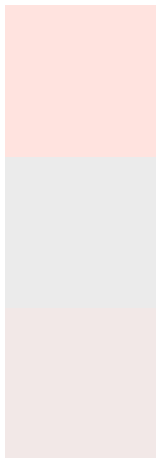
Deuteranomaly

82.1636, 81.5800, 81.9370

Tritanomaly

83.2876, 81.5932, 89.2012

Monochromacy



Original Color

82.0284, 81.5259, 81.2247

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 82.0284, 81.5259, 81.2247 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(255, 227, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 223)  
}
```

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(255, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 223) }
```

Border

The CSS property to change the border of an element to XYZ 82.0284, 81.5259, 81.2247 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(255, 227, 223) }
```


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

```
.border{ border-color:rgb(255, 227, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0284, 81.5259, 81.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 223) }
```

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

```
.background{ background-color: rgb(255,  
227, 223) }
```

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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