

Converting Colors

XYZ(82.2852, 81.7362, 82.2455)

Have a look what the booklet for
XYZ(82.2852, 81.7362, 82.2455)
contains.

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Color

**XYZ(82.1636, 81.5800,
81.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE3E0
RGB	255, 227, 224
RGB Percent	100%, 89%, 88%
CMY	0.0000, 0.1098, 0.1216
CMYK	0.00, 0.11, 0.12, 0.00
HSL	6°, 100%, 94%
HSV	6°, 12%, 100%
XYZ	82.1636, 81.5800, 81.9370
YIQ	235.0300, 17.6510, 5.0030

Conversions

Conversions Part 2

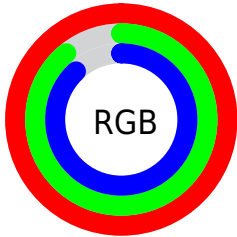
Format	Color
R _Y B	255, 227, 224
Decimal	16770016
CIE Lab	92.39, 9.11, 4.96
CIE LCh	92, 10.373, 28.581
Yxy	81.5800, 0.3344, 0.3321
Android (android.graphics.Color)	4294960096 (0xFFFFE3E0)
YUV	235.0300, -5.4378, 17.5137
Hunter-Lab	90.3216, 4.3146, 9.4391

Details

The XYZ color **82.1636, 81.5800, 81.9370** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5999, 92.6855, 108.0916**, and the grayscale version is **79.0209, 83.1361, 90.5352**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2027, 44.3754, 43.7190** is the 20% darker color. If you saturate the color by 10%, you get **73.0786, 68.5356, 63.1069**, and if you desaturate by 10%, it is **92.6136, 96.5236, 103.7829**.

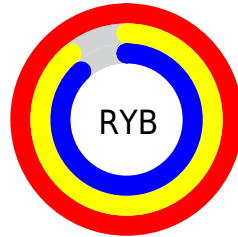
Distribution



Red (100%)

Green (89%)

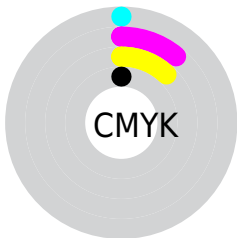
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

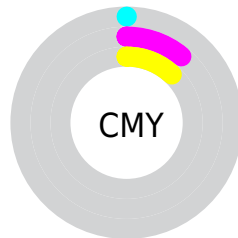


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.1636, 81.5800, 81.9370 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 82.1636, 81.5800, 81.9370 by changing the saturation by 10% instead.


 82.1636, 81.5800,
81.9370

 82.1636, 81.5800,
81.9370


490.8210,
500.2417, 521.3148

 61.8150, 61.0194,
60.7781


135.3380,
135.5849, 137.9215

 45.1382, 44.2408,
43.6167


168.8945,
169.7979, 173.5843

 31.7681, 30.8599,
30.0343


207.5844,
209.3306, 214.9187

 21.3391, 20.4922,
19.6124

251.7729,
254.5672, 262.3433

 13.4860, 12.7533,
11.9323

301.8255,
305.8923, 316.2767

 7.8433, 7.2589,
6.5756

358.1074,

 4.0458, 3.6245,

363.6901, 377.1374

3.1238

420.9841,
428.3451, 445.3439

■ 1.7281, 1.4658,
1.1582

■ 0.4738, 0.2645,
0.0000

■ 82.1636, 81.5800,
81.9370

■ 82.1636, 81.5800,
81.9370

■ 73.0786, 68.5356,
63.1069

■ 92.6136, 96.5236,
103.7829

■ 65.2966, 57.3044,
47.1553

95.0500, 100.0000,
108.9000

■ 58.7593, 47.8092,
33.9417

■ 53.4020, 39.9632,
23.3119

■ 49.1537, 33.6722,
15.0965

■ 45.9361, 28.8325,
9.1056

■ 43.6604, 25.3274,
5.1211

■ 42.2222, 23.0223,
2.8803

■ 41.5816, 21.9432,
2.0439

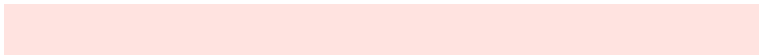
Harmonies

Analogous

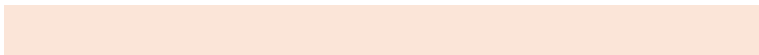
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8178, 81.5800, 89.1936



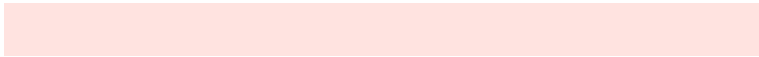
82.1636, 81.5800, 81.9370



80.2629, 81.5800, 76.7929

Triad

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



82.1636, 81.5800, 81.9370



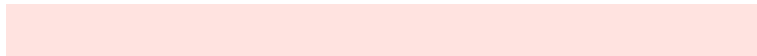
73.2150, 81.5800, 81.3372



77.4115, 81.5800, 104.4489

Complementary

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



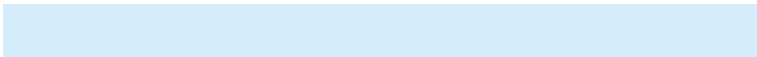
82.1636, 81.5800, 81.9370



83.5999, 92.6855, 108.0916

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.



74.8781, 81.5800, 102.0564



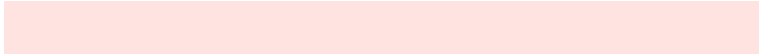
82.1636, 81.5800, 81.9370



72.4901, 81.5800, 88.4609

Square

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



82.1636, 81.5800, 81.9370



75.0948, 81.5800, 76.4609



73.0919, 81.5800, 96.0923



80.0364, 81.5800, 102.4588

Rectangle

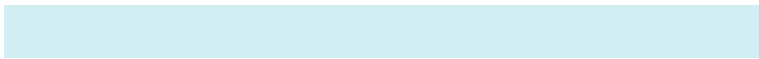
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



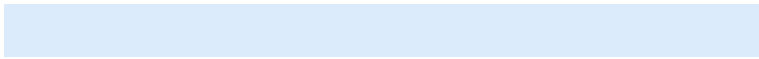
82.1636, 81.5800, 81.9370



78.5664, 81.5800, 75.1030



73.0919, 81.5800, 96.0923



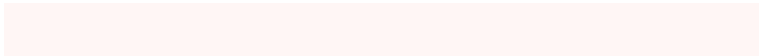
76.5213, 81.5800, 104.1281

Sweetspot

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



82.1655, 81.5835, 81.9387



90.5824, 93.6234, 99.5231



85.5329, 81.6269, 103.6896



19.2139, 19.7901, 20.9366



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.



82.1655, 81.5835, 81.9387



79.4453, 77.6836, 76.2825



86.4719, 90.1962, 83.3742



18.1510, 18.2701, 18.7142



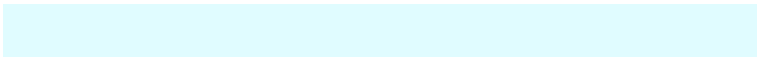
21.7739, 11.5590, 1.0835



2.1652, 1.2158, 0.1205

Inverse Universe

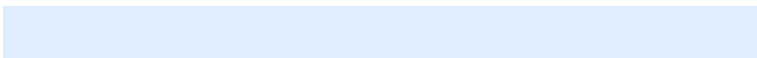
The Inverse Universe completely reimagines the original color for something new.



83.5999, 92.6855, 108.0916



81.1796, 91.1107, 107.9152



79.0513, 83.5882, 106.5754



18.3955, 20.1627, 23.1722



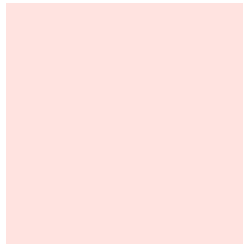
24.3200, 33.5496, 54.6285



2.4098, 3.3503, 5.3329

Previews

White Background



This preview shows how the XYZ color 82.1636, 81.5800, 81.9370 looks on a white background.

Color Contrast Check

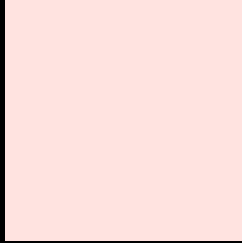
Large Text (above 18pt) WCAG AA × Fail

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 82.1636, 81.5800, 81.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

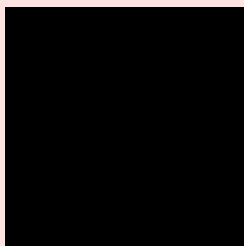
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

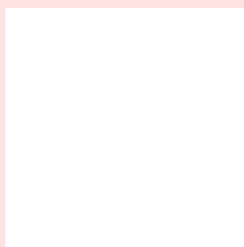
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1636, 81.5800, 81.9370

Background



This preview shows how black text looks on a background with the XYZ color 82.1636, 81.5800, 81.9370.



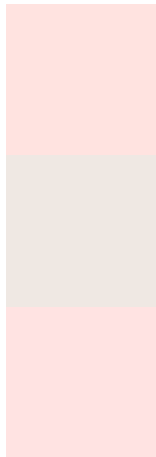
This preview shows how white text looks on a background with the XYZ color 82.1636, 81.5800,

81.9370.

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

82.1636, 81.5800, 81.9370

Protanopia

78.3183, 81.6100, 84.2975

Deuteranopia

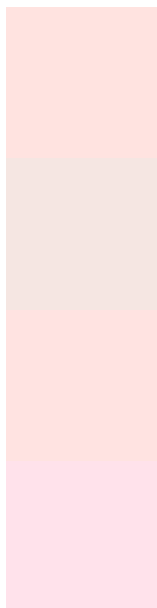
82.4366, 81.6892, 83.3742



Tritanopia

84.0424, 81.4613, 94.5132

Trichromacy



Original Color

82.1636, 81.5800, 81.9370

Protanomaly

79.6805, 81.4971, 83.4824

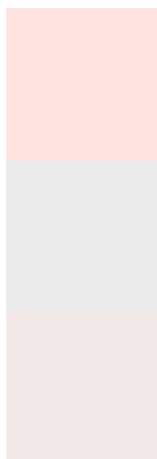
Deuteranomaly

82.2997, 81.6344, 82.6535

Tritanomaly

83.4318, 81.6509, 89.9601

Monochromacy



Original Color

82.1636, 81.5800, 81.9370

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 82.1636, 81.5800, 81.9370 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 227, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 224) }
```

Border

The CSS property to change the border of an element to XYZ 82.1636, 81.5800, 81.9370 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, 224) }
```


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

```
.border{ border-color:rgb(255, 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(255, 227, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1636, 81.5800, 81.9370 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
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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