

Converting Colors

XYZ(85.8698, 82.9485, 82.2604)

Have a look what the booklet for
XYZ(85.8698, 82.9485, 82.2604)
contains.

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Color

**XYZ(81.8909, 81.0345,
81.8461)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E0
RGB	255, 226, 224
RGB Percent	100%, 89%, 88%
CMY	0.0000, 0.1137, 0.1216
CMYK	0.00, 0.11, 0.12, 0.00
HSL	4°, 100%, 94%
HSV	4°, 12%, 100%
XYZ	81.8909, 81.0345, 81.8461
YIQ	234.4430, 17.9260, 5.5260

Conversions

Conversions Part 2

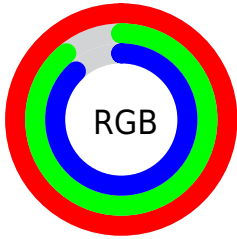
Format	Color
R _Y B	255, 226, 224
Decimal	16769760
CIE Lab	92.15, 9.62, 4.61
CIE LCh	92, 10.673, 25.603
Yxy	81.0345, 0.3346, 0.3311
Android (android.graphics.Color)	4294959840 (0xFFFFE2E0)
YUV	234.4430, -5.1484, 18.0285
Hunter-Lab	90.0192, 4.8488, 9.1065

Details

The XYZ color **81.8909, 81.0345, 81.8461** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.9148, 93.3153, 108.1966**, and the grayscale version is **78.5724, 82.6642, 90.0213**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0130, 43.9962, 43.6558** is the 20% darker color. If you saturate the color by 10%, you get **72.6479, 67.6742, 62.9634**, and if you desaturate by 10%, it is **92.5585, 96.4134, 103.7645**.

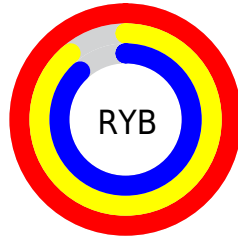
Distribution



Red (100%)

Green (89%)

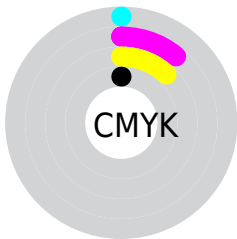
Blue (88%)



Red (100%)

Yellow (89%)

Blue (88%)

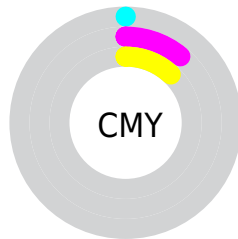


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8909, 81.0345, 81.8461 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 81.8909, 81.0345, 81.8461 by changing the saturation by 10% instead.


 81.8909, 81.0345,
81.8461

 81.8909, 81.0345,
81.8461


489.9227,
498.4124, 521.0027

 61.5894, 60.5700,
60.7036


134.9576,
134.8192, 137.7929

 44.9554, 43.8782,
43.5570


168.4536,
168.9082, 173.4343

 31.6234, 30.5748,
29.9878


207.0784,
208.3075, 214.7458

 21.2282, 20.2753,
19.5773

251.1974,
253.4015, 262.1458

 13.4043, 12.5953,
11.9072

301.1760,
304.5746, 316.0530

 7.7864, 7.1505,
6.5587

357.3795,

 4.0093, 3.5564,

362.2112, 376.8858

3.1135

420.1733,
426.6956, 445.0629

■ 1.7074, 1.4286,
1.1529

■ 0.4609, 0.2377,
0.0000

■ 81.8909, 81.0345,
81.8461

■ 81.8909, 81.0345,
81.8461

■ 72.6479, 67.6742,
62.9634

■ 92.5585, 96.4134,
103.7645

■ 64.7639, 56.2390,
46.9778

95.0500, 100.0000,
108.9000

■ 58.1764, 46.6433,
33.7474

■ 52.8158, 38.7910,
23.1166

■ 48.6062, 32.5772,
14.9140

■ 45.4629, 27.8861,
8.9479

■ 43.2898, 24.5862,
4.9976

■ 41.9731, 22.5242,
2.7973

■ 41.4326, 21.6452,
1.9942

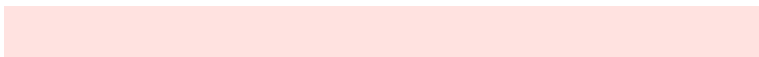
Harmonies

Analogous

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



82.4169, 81.0345, 89.3995



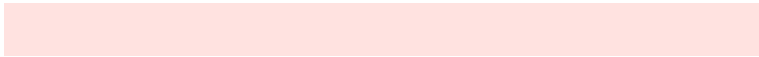
81.8909, 81.0345, 81.8461



80.0483, 81.0345, 76.3121

Triad

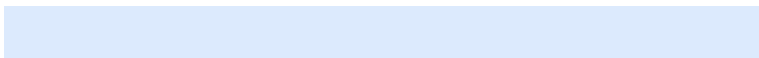
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8909, 81.0345, 81.8461



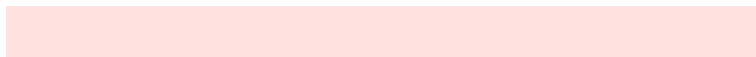
72.7375, 81.0345, 79.9474



76.6160, 81.0345, 104.2178

Complementary

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



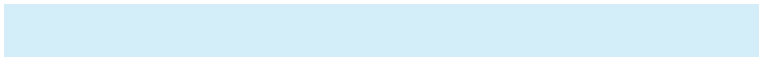
81.8909, 81.0345, 81.8461



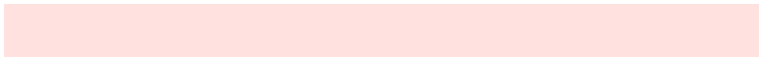
83.9148, 93.3153, 108.1966

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.



74.0707, 81.0345, 101.3344



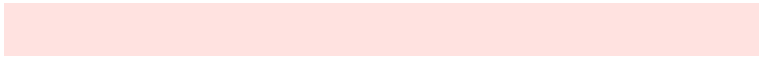
81.8909, 81.0345, 81.8461



71.8656, 81.0345, 87.0763

Square

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



81.8909, 81.0345, 81.8461



74.7573, 81.0345, 75.2626



72.3478, 81.0345, 94.9434



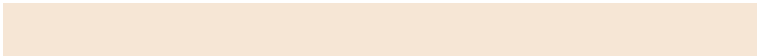
79.3297, 81.0345, 102.6136

Rectangle

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



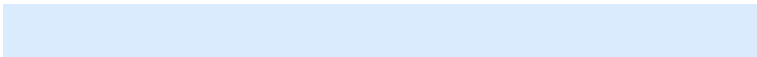
81.8909, 81.0345, 81.8461



78.3437, 81.0345, 74.3561



72.3478, 81.0345, 94.9434



75.7130, 81.0345, 103.7367

Sweetspot

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



81.8928, 81.0379, 81.8478



90.4825, 93.4236, 99.4898



85.6975, 81.6927, 104.5564



19.1888, 19.7397, 20.9282



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.



81.8928, 81.0379, 81.8478



79.1217, 77.0364, 76.1746



86.1651, 89.5825, 83.2719



18.1036, 18.1755, 18.6984



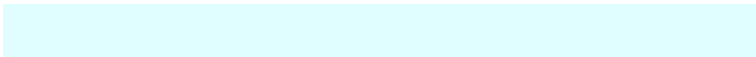
21.6848, 11.3807, 1.0538



2.1429, 1.1711, 0.1131

Inverse Universe

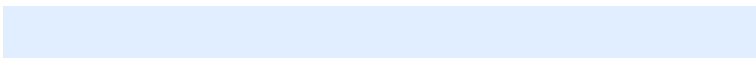
The Inverse Universe completely reimagines the original color for something new.



83.9148, 93.3153, 108.1966



81.5670, 91.8855, 108.0444



79.3512, 84.1880, 106.6754



18.4484, 20.2684, 23.1898



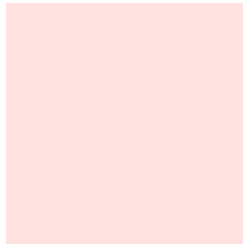
25.5282, 35.9660, 55.0312



2.5147, 3.5602, 5.3679

Previews

White Background



This preview shows how the XYZ color 81.8909, 81.0345, 81.8461 looks on a white background.

Color Contrast Check

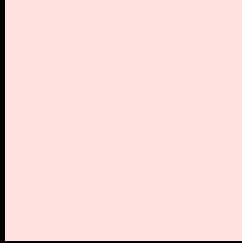
Large Text (above 18pt) WCAG AA × Fail

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 81.8909, 81.0345, 81.8461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

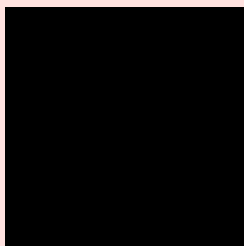
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

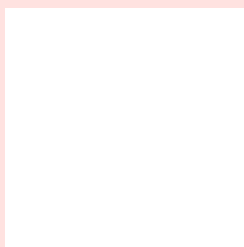
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.8909, 81.0345, 81.8461

Background



This preview shows how black text looks on a background with the XYZ color 81.8909, 81.0345, 81.8461.



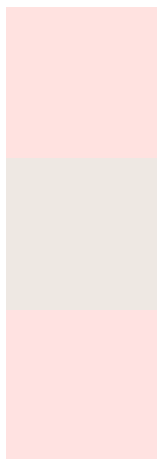
This preview shows how white text looks on a background with the XYZ color 81.8909, 81.0345,

81.8461.

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

81.8909, 81.0345, 81.8461

Protanopia

77.9816, 81.4364, 84.2818

Deuteranopia

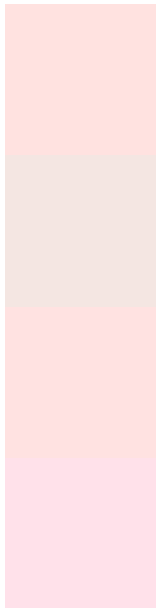
82.0270, 81.0890, 82.5626



Tritanopia

83.6238, 80.8626, 93.6387

Trichromacy



Original Color

81.8909, 81.0345, 81.8461

Protanomaly

79.3325, 81.3177, 83.4661

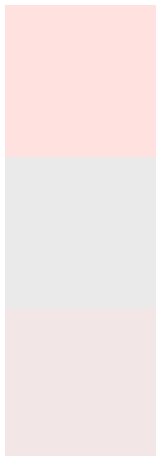
Deuteranomaly

82.0270, 81.0890, 82.5626

Tritanomaly

83.0165, 81.0509, 89.1109

Monochromacy



Original Color

81.8909, 81.0345, 81.8461

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.4768, 81.7422, 86.4519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8909, 81.0345, 81.8461 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, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 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, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 224) }
```

Border

The CSS property to change the border of an element to XYZ 81.8909, 81.0345, 81.8461 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, 226, 224) }
```


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

```
.border{ border-color:rgb(255, 226, 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, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8909, 81.0345, 81.8461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 224) }
```

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

```
.background{ background-color: rgb(255,  
226, 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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