

Converting Colors

XYZ(81.3431, 81.4791, 76.9151)

Have a look what the booklet for
XYZ(81.3431, 81.4791, 76.9151)
contains.

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Color

**XYZ(81.5078, 81.7566,
77.1303)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE4D9
RGB	255, 228, 217
RGB Percent	100%, 89%, 85%
CMY	0.0000, 0.1059, 0.1490
CMYK	0.00, 0.11, 0.15, 0.00
HSL	17°, 100%, 93%
HSV	17°, 15%, 100%
XYZ	81.5078, 81.7566, 77.1303
YIQ	234.8190, 19.6230, 2.3030

Conversions

Conversions Part 2

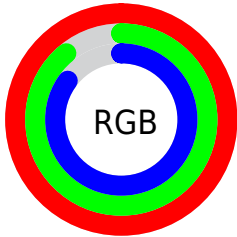
Format	Color
R _Y B	255, 232, 217
Decimal	16770265
CIE Lab	92.47, 7.50, 8.73
CIE LCh	92, 11.507, 49.317
Yxy	81.7566, 0.3391, 0.3401
Android (android.graphics.Color)	4294960345 (0xFFFFE4D9)
YUV	234.8190, -8.7848, 17.6987
Hunter-Lab	90.4194, 2.6735, 12.7175

Details

The XYZ color **81.5078, 81.7566, 77.1303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0151, 86.6706, 107.1723**, and the grayscale version is **78.8839, 82.9920, 90.3783**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7539, 44.5015, 40.4133** is the 20% darker color. If you saturate the color by 10%, you get **73.7190, 71.0832, 59.4152**, and if you desaturate by 10%, it is **90.3351, 93.6863, 97.7221**.

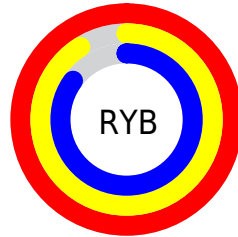
Distribution



Red (100%)

Green (89%)

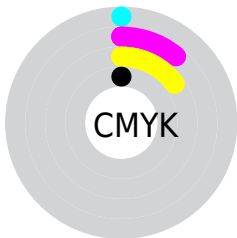
Blue (85%)



Red (100%)

Yellow (91%)

Blue (85%)

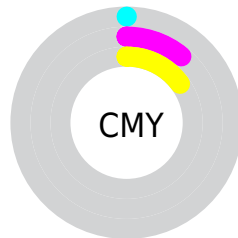


Cyan (0%)

Magenta (11%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5078, 81.7566, 77.1303 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 81.5078, 81.7566, 77.1303 by changing the saturation by 10% instead.


 81.5078, 81.7566,
77.1303

 81.5078, 81.7566,
77.1303


488.6593,
500.8332, 504.6576

 61.2726, 61.1649,
56.8476


134.4230,
135.8326, 131.0981

 44.6986, 44.3583,
40.4744


167.8337,
170.0858, 165.6203

 31.4204, 30.9523,
27.5920


206.3670,
209.6615, 205.7261

 21.0725, 20.5625,
17.7820

250.3882,
254.9442, 251.8340

 13.2898, 12.8046,
10.6257

300.2627,
306.3184, 304.3625

 7.7068, 7.2941,
5.7048

356.3558,

 3.9581, 3.6467,

364.1683, 363.7303

2.6005

419.0329,
428.8785, 430.3558

■ 1.6785, 1.4780,
0.8927

■ 0.4427, 0.2731,
0.0000

■ 81.5078, 81.7566,
77.1303

■ 81.5078, 81.7566,
77.1303

■ 73.7190, 71.0832,
59.4152

■ 90.3351, 93.6863,
97.7221

■ 66.9236, 61.6143,
44.4427

95.0500, 100.0000,
108.9000

■ 61.0814, 53.3096,
32.0758

■ 56.1471, 46.1228,
22.1635

■ 52.0714, 40.0039,
14.5391

■ 48.8000, 34.8992,
9.0149

■ 46.2712, 30.7497,
5.3730

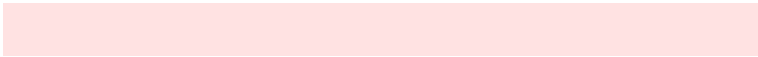
■ 44.4125, 27.4888,
3.3459

■ 43.6788, 26.1375,
2.7429

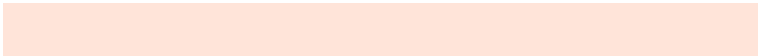
Harmonies

Analogous

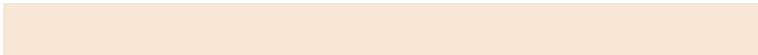
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2486, 81.7566, 83.6932



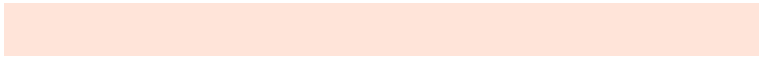
81.5078, 81.7566, 77.1303



78.7757, 81.7566, 73.8281

Triad

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



81.5078, 81.7566, 77.1303



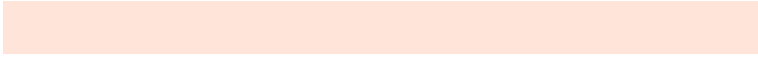
72.2042, 81.7566, 86.0075



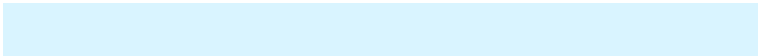
79.6207, 81.7566, 105.4443

Complementary

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



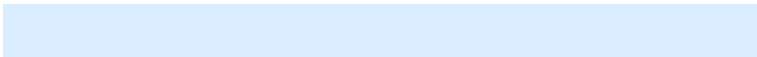
81.5078, 81.7566, 77.1303



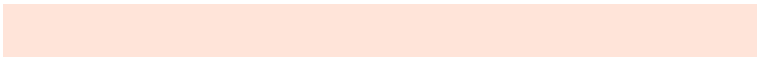
79.0151, 86.6706, 107.1723

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.



76.6484, 81.7566, 106.1627



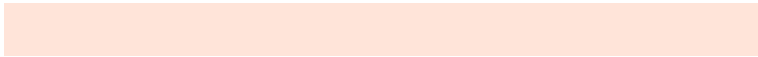
81.5078, 81.7566, 77.1303



72.4173, 81.7566, 94.5662

Square

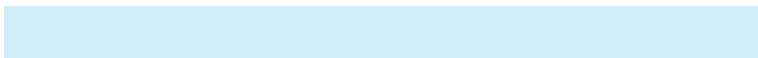
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.5078, 81.7566, 77.1303



73.4368, 81.7566, 78.7311



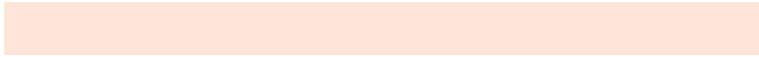
74.0266, 81.7566, 102.0707



82.1400, 81.7566, 100.1663

Rectangle

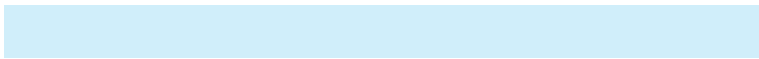
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.5078, 81.7566, 77.1303



76.7820, 81.7566, 73.7681



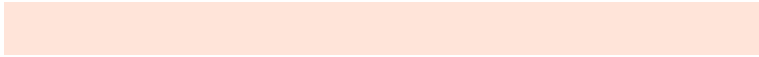
74.0266, 81.7566, 102.0707



78.6398, 81.7566, 106.2392

Sweetspot

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



81.5097, 81.7601, 77.1320



91.1827, 94.8240, 99.7232



82.4179, 77.4324, 96.3763



19.3653, 20.0928, 20.9870



0.0000, 0.0000, 0.0000



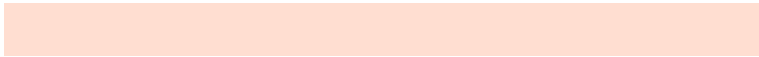
20.3446, 21.4041, 23.3091

Same Dimension

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



81.5097, 81.7601, 77.1320



78.9868, 78.3200, 71.3407



86.9542, 92.6490, 78.9468



18.4379, 18.8439, 18.8098



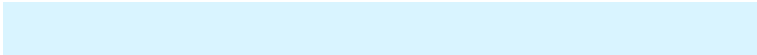
22.9335, 13.8781, 1.4700



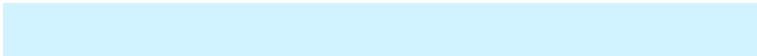
2.3220, 1.5294, 0.1728

Inverse Universe

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



79.0151, 86.6706, 107.1723



76.0378, 84.1199, 106.8369



73.6545, 75.9493, 105.3854



18.0844, 19.5404, 23.0685



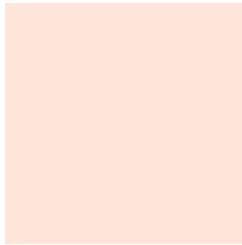
18.2163, 21.3422, 52.5939



1.8677, 2.2661, 5.1522

Previews

White Background



This preview shows how the XYZ color 81.5078, 81.7566, 77.1303 looks on a white background.

Color Contrast Check

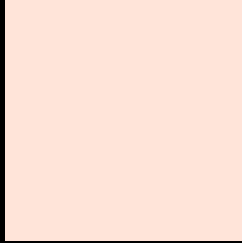
Large Text (above 18pt) WCAG AA × Fail

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 81.5078, 81.7566, 77.1303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

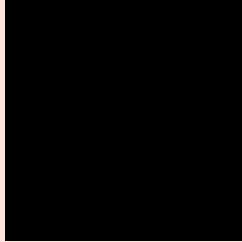
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

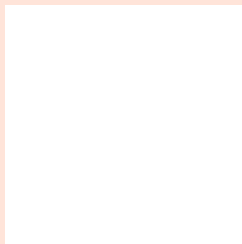
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.5078, 81.7566, 77.1303

Background



This preview shows how black text looks on a background with the XYZ color 81.5078, 81.7566, 77.1303.

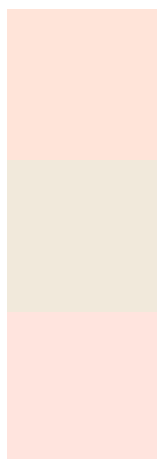


This preview shows how white text looks on a background with the XYZ color 81.5078, 81.7566,

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

81.5078, 81.7566, 77.1303

Protanopia

78.2007, 82.0931, 78.7418

Deuteranopia

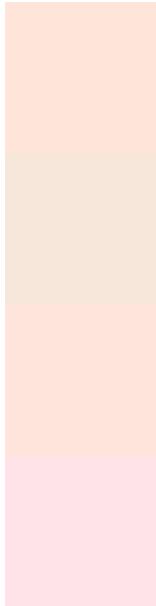
82.1682, 82.0207, 80.6081



Tritanopia

84.3135, 82.0036, 94.6036

Trichromacy



Original Color

81.5078, 81.7566, 77.1303

Protanomaly

79.2368, 81.8066, 77.9437

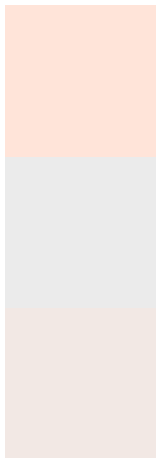
Deuteranomaly

81.9017, 81.9141, 79.2045

Tritanomaly

83.2746, 82.0244, 87.7872

Monochromacy



Original Color

81.5078, 81.7566, 77.1303

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4782, 82.1919, 85.0745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5078, 81.7566, 77.1303 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, 228, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 217)  
}
```

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, 228, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 217) }
```

Border

The CSS property to change the border of an element to XYZ 81.5078, 81.7566, 77.1303 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, 228, 217) }
```


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

```
.border{ border-color:rgb(255, 228, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5078, 81.7566, 77.1303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 217) }
```

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

```
.background{ background-color: rgb(255,  
228, 217) }
```

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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