

Converting Colors

XYZ(80.9303, 79.5770, 80.0963)

Have a look what the booklet for XYZ(80.9303, 79.5770, 80.0963) contains.

- XYZ(81.0805, 79.8452, 80.2455) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(81.0805, 79.8452,
80.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0DE
RGB	255, 224, 222
RGB Percent	100%, 88%, 87%
CMY	0.0000, 0.1215, 0.1294
CMYK	0.00, 0.12, 0.13, 0.00
HSL	4°, 100%, 94%
HSV	4°, 13%, 100%
XYZ	81.0805, 79.8452, 80.2455
YIQ	233.0410, 19.1180, 5.9500

Conversions

Conversions Part 2

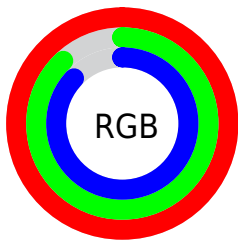
Format	Color
R_{YB}	255, 224, 222
Decimal	16769246
CIE _{Lab}	91.62, 10.34, 4.89
CIE _{LCh}	92, 11.439, 25.300
Yxy	79.8452, 0.3362, 0.3311
Android (android.graphics.Color)	4294959326 (0xFFFFE0DE)
YUV	233.0410, -5.4432, 19.2580
Hunter-Lab	89.3561, 5.5951, 9.3044

Details

The XYZ color **81.0805, 79.8452, 80.2455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.2986, 92.9976, 108.1678**, and the grayscale version is **77.5142, 81.5509, 88.8090**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4517, 43.1717, 42.5493** is the 20% darker color. If you saturate the color by 10%, you get **71.9280, 66.6024, 61.5889**, and if you desaturate by 10%, it is **91.6602, 95.1148, 101.9300**.

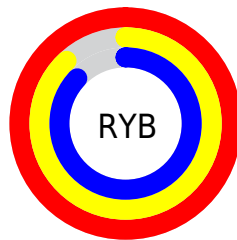
Distribution



Red (100%)

Green (88%)

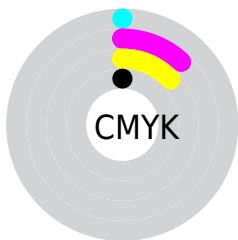
Blue (87%)



Red (100%)

Yellow (88%)

Blue (87%)

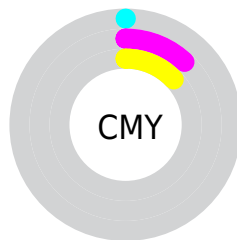


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.0805, 79.8452, 80.2455 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 81.0805, 79.8452, 80.2455 by changing the saturation by 10% instead.

 81.0805, 79.8452,
80.2455

 81.0805, 79.8452,
80.2455


487.2480,
494.4110, 515.4884

 60.9194, 59.5910,
59.3930


133.8264,
133.1481, 135.5254

 44.4124, 43.0890,
42.5075


167.1418,
166.9655, 170.7898

 31.1942, 29.9550,
29.1704


205.5729,
206.0728, 211.6954

 20.8993, 19.8044,
18.9630

249.4847,
250.8544, 258.6606

 13.1625, 12.2530,
11.4670

299.2428,
301.6946, 312.1039

 7.6183, 6.9162,
6.2638

355.2125,

 3.9014, 3.4097,

358.9778, 372.4440

2.9348

417.7591,
423.0885, 440.0993

■ 1.6465, 1.3492,
1.0614

■ 0.4224, 0.1788,
0.0000

■ 81.0805, 79.8452,
80.2455

■ 81.0805, 79.8452,
80.2455

■ 71.9280, 66.6024,
61.5889

■ 91.6602, 95.1148,
101.9300

■ 64.1365, 55.2917,
45.8209

95.0500, 100.0000,
108.9000

■ 57.6427, 45.8259,
32.7985

■ 52.3758, 38.1071,
22.3647

■ 48.2585, 32.0283,
14.3467

■ 45.2049, 27.4710,
8.5504

■ 43.1164, 24.3004,
4.7520

■ 41.8765, 22.3582,
2.6808

■ 41.4178, 21.6156,
1.9893

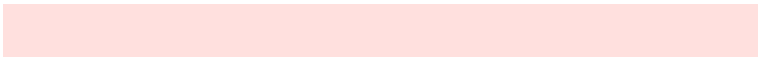
Harmonies

Analogous

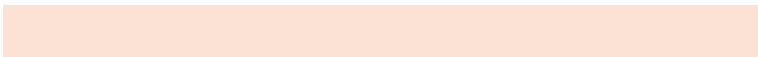
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.6248, 79.8452, 88.2620



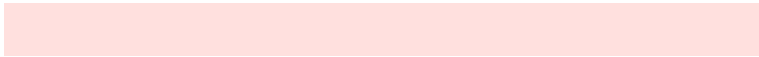
81.0805, 79.8452, 80.2455



79.1318, 79.8452, 74.3768

Triad

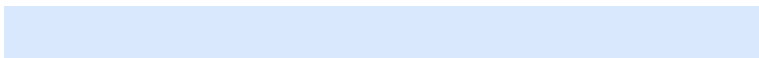
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.0805, 79.8452, 80.2455



71.3674, 79.8452, 78.1016



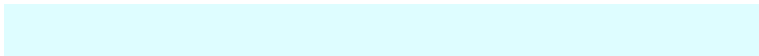
75.4314, 79.8452, 103.9683

Complementary

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



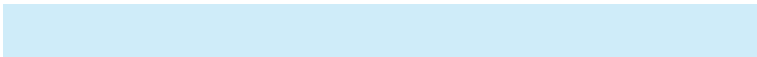
81.0805, 79.8452, 80.2455



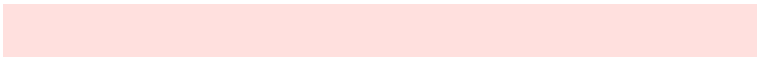
83.2986, 92.9976, 108.1678

Split Complementary

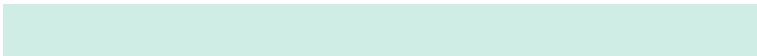
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7389, 79.8452, 100.8391



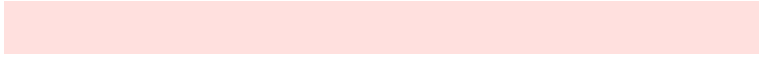
81.0805, 79.8452, 80.2455



70.4312, 79.8452, 85.6270

Square

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



81.0805, 79.8452, 80.2455



73.5162, 79.8452, 73.1957



70.9268, 79.8452, 93.9923



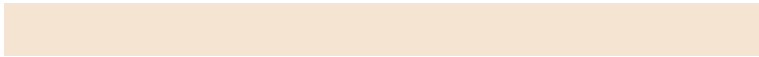
78.3153, 79.8452, 102.3005

Rectangle

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



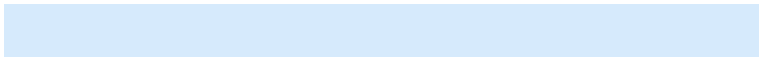
81.0805, 79.8452, 80.2455



77.3241, 79.8452, 72.2936



70.9268, 79.8452, 93.9923



74.4746, 79.8452, 103.4372

Sweetspot

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



81.0823, 79.8485, 80.2472



90.4704, 93.3993, 99.4858



85.1472, 80.6176, 104.2942



19.1857, 19.7336, 20.9272



0.0000, 0.0000, 0.0000



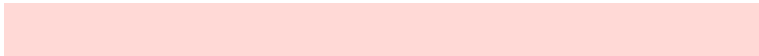
20.3446, 21.4041, 23.3091

Same Dimension

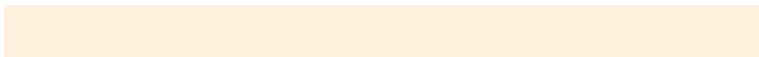
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0823, 79.8485, 80.2472



78.1332, 75.5853, 74.2237



85.6295, 88.9430, 81.7629



18.0979, 18.1640, 18.6965



21.6757, 11.3626, 1.0508



2.1402, 1.1657, 0.1122

Inverse Universe

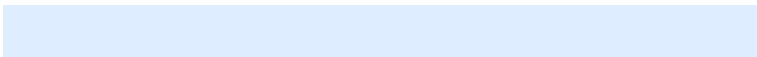
The Inverse Universe completely reimagines the original color for something new.



83.2986, 92.9976, 108.1678



80.8144, 91.4952, 108.0087



78.4157, 83.2319, 106.5402



18.4548, 20.2812, 23.1919



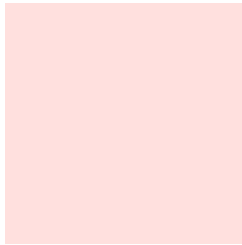
25.6788, 36.2672, 55.0814



2.5278, 3.5862, 5.3723

Previews

White Background



This preview shows how the XYZ color 81.0805, 79.8452, 80.2455 looks on a white background.

Color Contrast Check

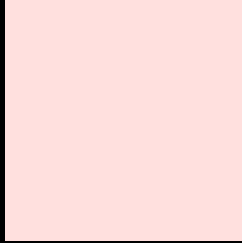
Large Text (above 18pt) WCAG AA × Fail

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 81.0805, 79.8452, 80.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

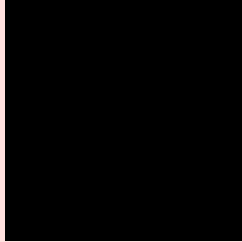
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

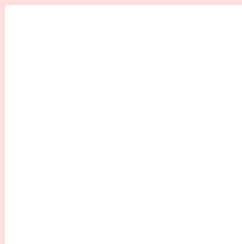
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.0805, 79.8452, 80.2455

Background



This preview shows how black text looks on a background with the XYZ color 81.0805, 79.8452, 80.2455.



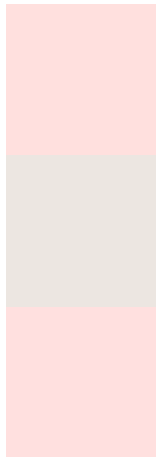
This preview shows how white text looks on a background with the XYZ color 81.0805, 79.8452,

80.2455.

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

81.0805, 79.8452, 80.2455

Protanopia

76.4795, 79.8627, 82.6183

Deuteranopia

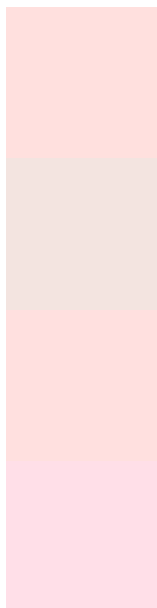
81.2149, 79.8990, 80.9536



Tritanopia

82.7939, 79.6756, 91.9041

Trichromacy



Original Color

81.0805, 79.8452, 80.2455

Protanomaly

78.1601, 79.9233, 81.8283

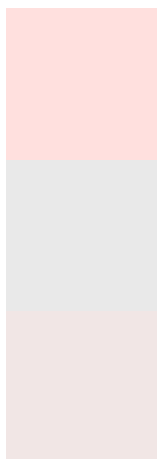
Deuteranomaly

81.2149, 79.8990, 80.9536

Tritanomaly

82.1932, 79.8615, 87.4267

Monochromacy



Original Color

81.0805, 79.8452, 80.2455

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.7153, 80.9515, 85.6052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0805, 79.8452, 80.2455 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, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 222)  
}
```

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, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 81.0805, 79.8452, 80.2455 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, 224, 222) }
```


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

```
.border{ border-color:rgb(255, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0805, 79.8452, 80.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 222) }
```

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

```
.background{ background-color: rgb(255,  
224, 222) }
```

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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