

Converting Colors

XYZ(103.2217, 90.0078,
88.3579)

Have a look what the booklet for
XYZ(103.2217, 90.0078, 88.3579)
contains.

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Color

**XYZ(81.6619, 78.7991,
87.2496)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE8
RGB	255, 221, 232
RGB Percent	100%, 87%, 91%
CMY	0.0000, 0.1333, 0.0902
CMYK	0.00, 0.13, 0.09, 0.00
HSL	341°, 100%, 93%
HSV	341°, 13%, 100%
XYZ	81.6619, 78.7991, 87.2496
YIQ	232.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

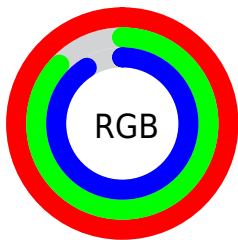
Format	Color
R _Y B	255, 221, 232
Decimal	16768488
CIE Lab	91.14, 13.51, -1.04
CIE LCh	91, 13.547, 355.617
Yxy	78.7991, 0.3297, 0.3181
Android (android.graphics.Color)	4294958568 (0xFFFFDDE8)
YUV	232.4200, -0.2071, 19.8027
Hunter-Lab	88.7689, 8.8635, 3.8629

Details

The XYZ color **81.6619, 78.7991, 87.2496** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9105, 93.4250, 99.3073**, and the grayscale version is **77.0107, 81.0213, 88.2322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7614, 42.4128, 46.9016** is the 20% darker color. If you saturate the color by 10%, you get **73.1023, 65.4108, 72.8940**, and if you desaturate by 10%, it is **91.4884, 94.3352, 103.2165**.

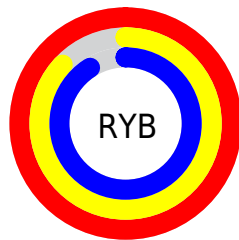
Distribution



Red (100%)

Green (87%)

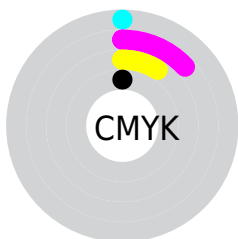
Blue (91%)



Red (100%)

Yellow (87%)

Blue (91%)

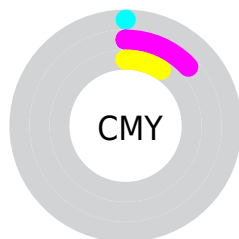


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.6619, 78.7991, 87.2496 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 81.6619, 78.7991, 87.2496 by changing the saturation by 10% instead.


 81.6619, 78.7991,
87.2496

 81.6619, 78.7991,
87.2496


489.1677,
490.8764, 539.3802

 61.4000, 58.7306,
65.1410


134.6381,
131.6760, 145.4139

 44.8019, 42.3963,
47.1233


168.0831,
165.2532, 182.3067

 31.5020, 29.4118,
32.7781


206.6532,
204.1022, 224.9646

 21.1351, 19.3925,
21.6868

250.7138,
248.6072, 273.8062

 13.3358, 11.9542,
13.4308

300.6302,
299.1528, 329.2500

 7.7388, 6.7125,
7.5917

356.7677,

 3.9787, 3.2830,

356.1232, 391.7146

3.7508

419.4918,
419.9030, 461.6185

■ 1.6901, 1.2812,
1.4897

■ 0.4500, 0.1266,
0.2102

■ 81.6619, 78.7991,
87.2496

■ 81.6619, 78.7991,
87.2496

■ 73.1023, 65.4108,
72.8940

■ 91.4884, 94.3352,
103.2165

■ 65.7510, 54.0658,
60.0930

95.0500, 100.0000,
108.9000

■ 59.5533, 44.6655,
48.7938

■ 54.4478, 37.0992,
38.9384

■ 50.3671, 31.2451,
30.4651

■ 47.2361, 26.9664,
23.3069

■ 44.9684, 24.1050,
17.3902

■ 43.4603, 22.4690,
12.6326

■ 42.7813, 21.8765,
10.0465

Harmonies

Analogous

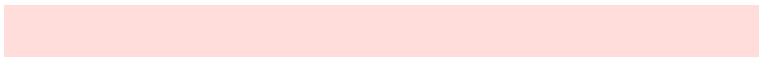
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4683, 78.7991, 96.9061



81.6619, 78.7991, 87.2496



80.9978, 78.7991, 77.8939

Triad

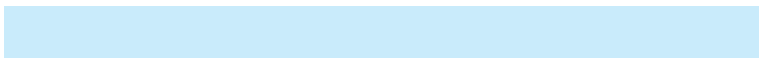
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.6619, 78.7991, 87.2496



72.0826, 78.7991, 69.8790



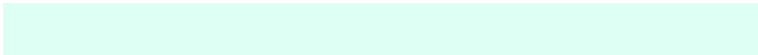
71.2354, 78.7991, 102.3385

Complementary

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



81.6619, 78.7991, 87.2496



81.9105, 93.4250, 99.3073

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.



69.1089, 78.7991, 94.2213



81.6619, 78.7991, 87.2496



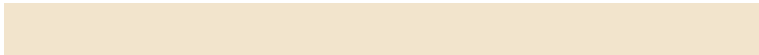
69.5875, 78.7991, 75.5745

Square

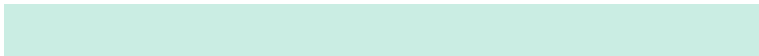
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



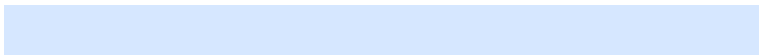
81.6619, 78.7991, 87.2496



75.4011, 78.7991, 68.3208



68.5149, 78.7991, 84.3642



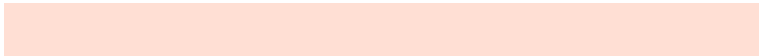
74.3936, 78.7991, 106.0292

Rectangle

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



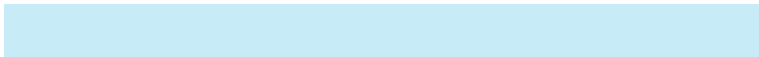
81.6619, 78.7991, 87.2496



79.6015, 78.7991, 73.0033



68.5149, 78.7991, 84.3642



70.3801, 78.7991, 100.0083

Sweetspot

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



81.6638, 78.8024, 87.2513



90.7906, 93.2273, 102.0972



81.1014, 78.1100, 105.4100



19.2665, 19.6904, 21.5855



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

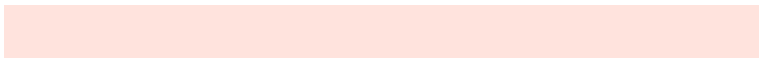
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.6638, 78.8024, 87.2513



79.2572, 75.0224, 83.2640



81.6713, 81.2395, 79.7871



18.2515, 18.0839, 19.9417



22.4145, 11.4551, 5.5670



2.2300, 1.1344, 0.7926

Inverse Universe

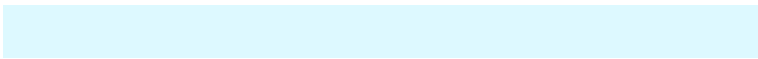
The Inverse Universe completely reimagines the original color for something new.



81.6638, 78.8024, 87.2513



79.2572, 75.0224, 83.2640



81.8498, 90.5513, 107.7720



18.2515, 18.0839, 19.9417



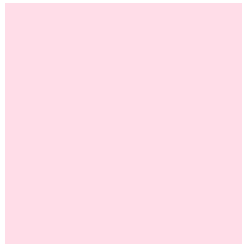
22.4145, 11.4551, 5.5670



2.2300, 1.1344, 0.7926

Previews

White Background



This preview shows how the XYZ color 81.6619, 78.7991, 87.2496 looks on a white background.

Color Contrast Check

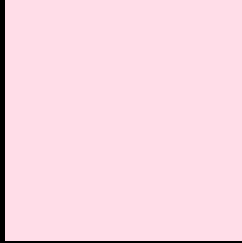
Large Text (above 18pt) WCAG AA × Fail

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 81.6619, 78.7991, 87.2496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

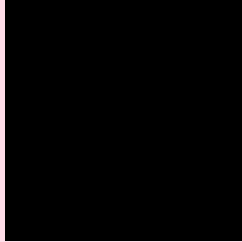
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.6619, 78.7991, 87.2496

Background



This preview shows how black text looks on a background with the XYZ color 81.6619, 78.7991, 87.2496.



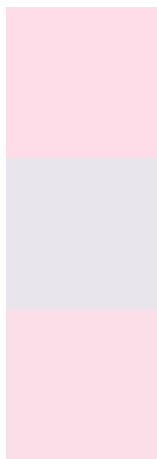
This preview shows how white text looks on a background with the XYZ color 81.6619, 78.7991,

87.2496.

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

81.6619, 78.7991, 87.2496

Protanopia

76.4383, 79.2506, 90.6250

Deuteranopia

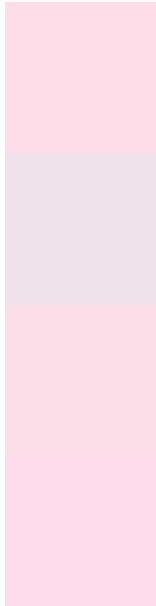
80.7368, 79.1108, 87.3585



Tritanopia

82.1193, 78.5608, 90.9564

Trichromacy



Original Color

81.6619, 78.7991, 87.2496

Protanomaly

78.1269, 78.9161, 89.7119

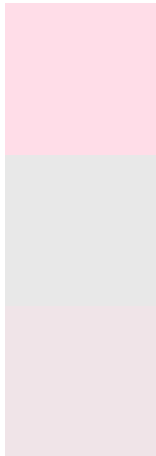
Deuteranomaly

80.8316, 78.7642, 87.2867

Tritanomaly

81.8286, 78.4446, 89.4257

Monochromacy



Original Color

81.6619, 78.7991, 87.2496

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

78.2441, 79.8383, 87.6304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.6619, 78.7991, 87.2496 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, 221, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 232)  
}
```

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, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 232) }
```

Border

The CSS property to change the border of an element to XYZ 81.6619, 78.7991, 87.2496 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, 221, 232) }
```


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

```
.border{ border-color:rgb(255, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 81.6619, 78.7991, 87.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 232) }
```

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

```
.background{ background-color: rgb(255,  
221, 232) }
```

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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