

Converting Colors

XYZ(79.8223, 77.2185, 87.2232)

Have a look what the booklet for
XYZ(79.8223, 77.2185, 87.2232)
contains.

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Color

**XYZ(79.6807, 76.9985,
87.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD8E8
RGB	251, 219, 232
RGB Percent	98%, 86%, 91%
CMY	0.0157, 0.1412, 0.0902
CMYK	0.00, 0.13, 0.08, 0.02
HSL	336°, 80%, 92%
HSV	336°, 13%, 98%
XYZ	79.6807, 76.9985, 87.0065
YIQ	230.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

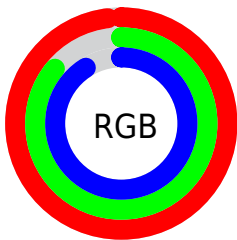
Format	Color
R_{YB}	251, 219, 232
Decimal	16505832
CIE _{Lab}	90.32, 13.18, -2.28
CIE _{LCh}	90, 13.373, 350.181
Yxy	76.9985, 0.3270, 0.3160
Android (android.graphics.Color)	4294695912 (0xFFFFDBE8)
YUV	230.0500, 0.9614, 18.3732
Hunter-Lab	87.7488, 8.5274, 2.6357

Details

The XYZ color **79.6807, 76.9985, 87.0065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1463, 90.2295, 94.1379**, and the grayscale version is **75.2381, 79.1563, 86.2012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3601, 41.1548, 46.7327** is the 20% darker color. If you saturate the color by 10%, you get **71.5919, 64.0659, 74.3040**, and if you desaturate by 10%, it is **88.9408, 91.9843, 100.9873**.

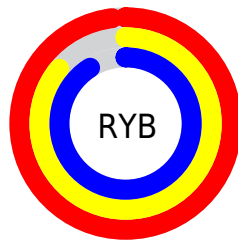
Distribution



Red (98%)

Green (86%)

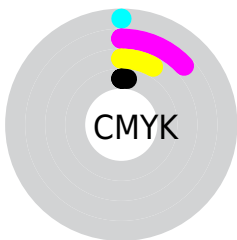
Blue (91%)



Red (98%)

Yellow (86%)

Blue (91%)

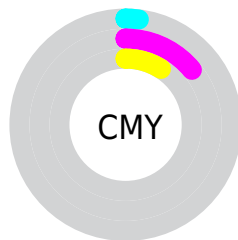


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (2%)



Cyan (2%)


Magenta (14%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6807, 76.9985, 87.0065 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 79.6807, 76.9985, 87.0065 by changing the saturation by 10% instead.


 79.6807, 76.9985,
87.0065

 79.6807, 76.9985,
87.0065


482.6091,
484.7589, 538.5610

 59.7632, 57.2516,
64.9409


131.8696,
129.1374, 145.0721

 43.4765, 41.2073,
46.9621


164.8717,
162.2982, 181.9093

 30.4553, 28.4811,
32.6516


202.9661,
200.6991, 224.5074

 20.3342, 18.6886,
21.5908

246.5180,
244.7245, 273.2850

 12.7479, 11.4455,
13.3611

295.8930,
294.7587, 328.6606

 7.3310, 6.3673,
7.5440

351.4562,

 3.7181, 3.0697,

351.1863, 391.0528

3.7210

413.5731,
414.3916, 460.8801

■ 1.5439, 1.1682,
1.4736

■ 0.3554, 0.0355,
0.1981

■ 79.6807, 76.9985,
87.0065

■ 79.6807, 76.9985,
87.0065

■ 71.5919, 64.0659,
74.3040

■ 88.9408, 91.9843,
100.9873

■ 64.6193, 53.0865,
62.8367

■ 93.5941, 99.2495,
108.8319

■ 58.7131, 43.9670,
52.5663

■ 53.8171, 36.6026,
43.4502

■ 49.8695, 30.8778,
35.4431

■ 46.8012, 26.6631,
28.4960

■ 44.5334, 23.8092,
22.5551

■ 42.9709, 22.1356,
17.5597

■ 42.1799, 21.4678,
14.4777

Harmonies

Analogous

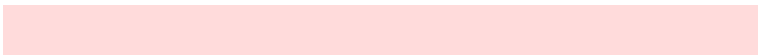
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2165, 76.9985, 96.1451



79.6807, 76.9985, 87.0065



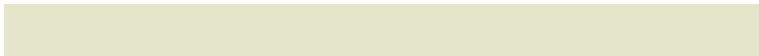
79.3642, 76.9985, 77.6666

Triad

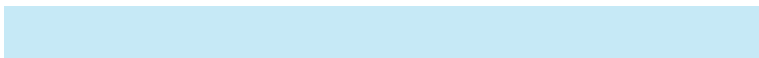
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6807, 76.9985, 87.0065



70.9968, 76.9985, 67.7690



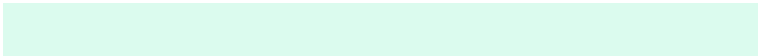
69.1584, 76.9985, 98.7350

Complementary

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



79.6807, 76.9985, 87.0065



79.1463, 90.2295, 94.1379

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.



67.3347, 76.9985, 90.3285



79.6807, 76.9985, 87.0065



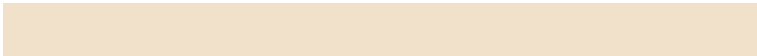
68.3736, 76.9985, 72.6292

Square

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



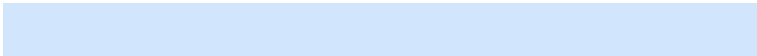
79.6807, 76.9985, 87.0065



74.2828, 76.9985, 67.0276



67.0518, 76.9985, 80.7479



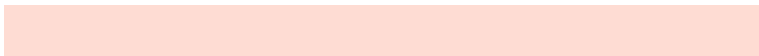
72.0976, 76.9985, 103.2480

Rectangle

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



79.6807, 76.9985, 87.0065



78.1894, 76.9985, 72.5487



67.0518, 76.9985, 80.7479



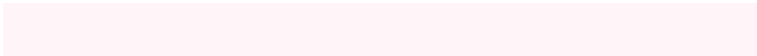
68.3984, 76.9985, 96.2422

Sweetspot

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



79.6829, 77.0019, 87.0081



90.9219, 93.2799, 102.7886



77.8950, 75.7513, 101.7838



19.2997, 19.7037, 21.7602



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

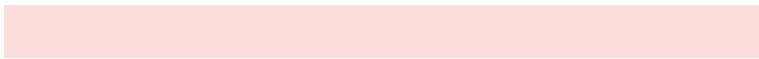
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6829, 77.0019, 87.0081



80.5946, 76.5994, 87.0945



78.6054, 77.6929, 77.8752



17.5368, 17.3421, 19.4166



22.2389, 11.3113, 7.9667



2.1107, 1.0680, 1.0066

Inverse Universe

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



79.6829, 77.0019, 87.0081



80.5946, 76.5994, 87.0945



80.2985, 89.3671, 104.2852



17.5368, 17.3421, 19.4166



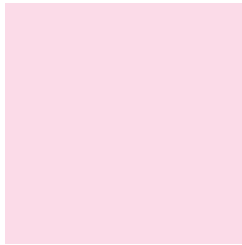
22.2389, 11.3113, 7.9667



2.1107, 1.0680, 1.0066

Previews

White Background



This preview shows how the XYZ color 79.6807, 76.9985, 87.0065 looks on a white background.

Color Contrast Check

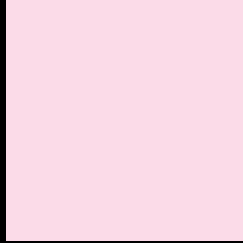
Large Text (above 18pt) WCAG AA × Fail

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 79.6807, 76.9985, 87.0065 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 79.6807, 76.9985, 87.0065

Background



This preview shows how black text looks on a background with the XYZ color 79.6807, 76.9985, 87.0065.



This preview shows how white text looks on a background with the XYZ color 79.6807, 76.9985,

87.0065.

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

79.6807, 76.9985, 87.0065

Protanopia

74.6498, 77.1069, 90.3055

Deuteranopia

78.5165, 76.7868, 87.0270



Tritanopia

79.9954, 76.7082, 89.9468

Trichromacy



Original Color

79.6807, 76.9985, 87.0065

Protanomaly

76.3081, 76.7780, 89.3950

Deuteranomaly

78.8701, 76.9691, 87.0435

Tritanomaly

79.8505, 76.6502, 89.1837

Monochromacy



Original Color

79.6807, 76.9985, 87.0065

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.8801, 78.3394, 86.6703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6807, 76.9985, 87.0065 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(251, 219, 232)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 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(251, 219, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 232) }
```

Border

The CSS property to change the border of an element to XYZ 79.6807, 76.9985, 87.0065 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(251, 219, 232) }
```


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

```
.border{ border-color:rgb(251, 219, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 219, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 232);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6807, 76.9985, 87.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 232) }
```

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

```
.background{ background-color: rgb(251,  
219, 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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