

Converting Colors

XYZ(81.0851, 77.6032, 87.1877)

Have a look what the booklet for
XYZ(81.0851, 77.6032, 87.1877)
contains.

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Color

**XYZ(81.1370, 77.7492,
87.0747)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBE8
RGB	255, 219, 232
RGB Percent	100%, 86%, 91%
CMY	0.0000, 0.1412, 0.0902
CMYK	0.00, 0.14, 0.09, 0.00
HSL	338°, 100%, 93%
HSV	338°, 14%, 100%
XYZ	81.1370, 77.7492, 87.0747
YIQ	231.2460, 17.2830, 11.6750

Conversions

Conversions Part 2

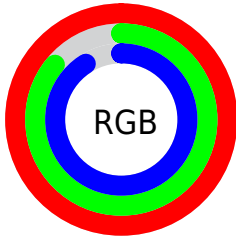
Format	Color
R _Y B	255, 219, 232
Decimal	16767976
CIE Lab	90.67, 14.55, -1.74
CIE LCh	91, 14.650, 353.197
Yxy	77.7492, 0.3299, 0.3161
Android (android.graphics.Color)	4294958056 (0xFFFFDBE8)
YUV	231.2460, 0.3717, 20.8323
Hunter-Lab	88.1755, 9.9443, 3.1730

Details

The XYZ color **81.1370, 77.7492, 87.0747** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0029, 92.9921, 97.6878**, and the grayscale version is **76.1287, 80.0933, 87.2216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4006, 41.6913, 46.7813** is the 20% darker color. If you saturate the color by 10%, you get **72.7790, 64.5668, 73.3950**, and if you desaturate by 10%, it is **90.7322, 93.0619, 102.2276**.

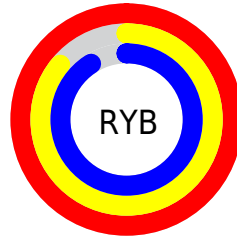
Distribution



Red (100%)

Green (86%)

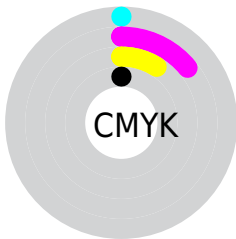
Blue (91%)



Red (100%)

Yellow (86%)

Blue (91%)

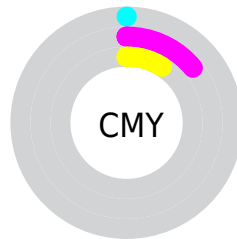


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1370, 77.7492, 87.0747 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 81.1370, 77.7492, 87.0747 by changing the saturation by 10% instead.


 81.1370, 77.7492,
87.0747

 81.1370, 77.7492,
87.0747


487.4348,
487.3147, 538.7909

 60.9661, 57.8680,
64.9970


133.9053,
130.1965, 145.1680

 44.4503, 41.7025,
47.0074


167.2334,
163.5314, 182.0208

 31.2241, 28.8684,
32.6871


205.6779,
202.1196, 224.6357

 20.9222, 18.9813,
21.6177

249.6042,
246.3456, 273.4313

 13.1793, 11.6568,
13.3806

299.3777,
296.5937, 328.8260

 7.6300, 6.5104,
7.5574

355.3638,

 3.9089, 3.1579,

353.2483, 391.2385

3.7294

417.9277,
416.6938, 461.0873

■ 1.6507, 1.2147,
1.4781

■ 0.4251, 0.0737,
0.2015

■ 81.1370, 77.7492,
87.0747

■ 81.1370, 77.7492,
87.0747

■ 72.7790, 64.5668,
73.3950

■ 90.7322, 93.0619,
102.2276

■ 65.6008, 53.4103,
61.1375

95.0500, 100.0000,
108.9000

■ 59.5484, 44.1809,
50.2555

■ 54.5612, 36.7676,
40.6973

■ 50.5727, 31.0483,
32.4081

■ 47.5085, 26.8851,
25.3282

■ 45.2829, 24.1187,
19.3923

■ 43.7921, 22.5543,
14.5263

■ 43.1747, 22.0339,
12.1181

Harmonies

Analogous

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



79.7001, 77.7492, 97.3630



81.1370, 77.7492, 87.0747



80.5834, 77.7492, 76.9340

Triad

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



81.1370, 77.7492, 87.0747



71.1505, 77.7492, 67.3884



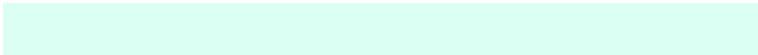
69.7467, 77.7492, 101.9102

Complementary

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



81.1370, 77.7492, 87.0747



81.0029, 92.9921, 97.6878

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.



67.5935, 77.7492, 92.8774



81.1370, 77.7492, 87.0747



68.3851, 77.7492, 73.1051

Square

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



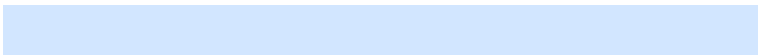
81.1370, 77.7492, 87.0747



74.7382, 77.7492, 66.1140



67.1034, 77.7492, 82.2818



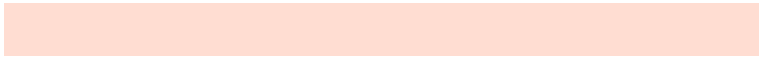
73.0647, 77.7492, 106.3754

Rectangle

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



81.1370, 77.7492, 87.0747



79.1686, 77.7492, 71.5485



67.1034, 77.7492, 82.2818



68.8672, 77.7492, 99.2731

Sweetspot

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



81.1388, 77.7524, 87.0763



90.8502, 93.2512, 102.4110



79.9331, 76.7284, 105.2049



19.2816, 19.6964, 21.6648



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

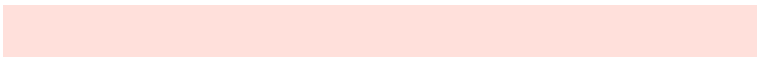
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.1388, 77.7524, 87.0763



78.6029, 73.7349, 82.9808



80.6303, 79.5814, 78.1330



18.2804, 18.0955, 20.0935



22.6245, 11.5391, 6.6733



2.2530, 1.1436, 0.9135

Inverse Universe

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



81.1388, 77.7524, 87.0763



78.6029, 73.7349, 82.9808



81.5132, 90.7771, 107.8333



18.2804, 18.0955, 20.0935



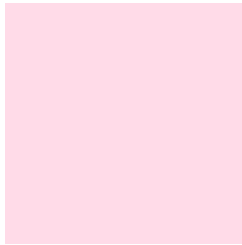
22.6245, 11.5391, 6.6733



2.2530, 1.1436, 0.9135

Previews

White Background



This preview shows how the XYZ color 81.1370, 77.7492, 87.0747 looks on a white background.

Color Contrast Check

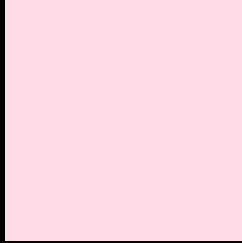
Large Text (above 18pt) WCAG AA × Fail

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 81.1370, 77.7492, 87.0747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

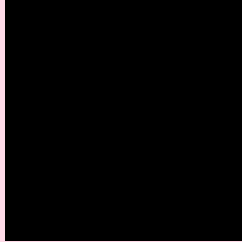
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1370, 77.7492, 87.0747

Background



This preview shows how black text looks on a background with the XYZ color 81.1370, 77.7492, 87.0747.

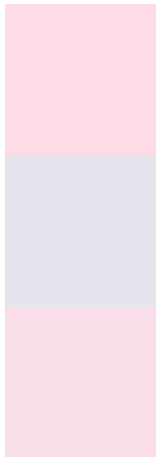


This preview shows how white text looks on a background with the XYZ color 81.1370, 77.7492,

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

81.1370, 77.7492, 87.0747

Protanopia

75.3883, 77.8756, 91.1789

Deuteranopia

79.4889, 77.6788, 87.1479



Tritanopia

81.5669, 77.9212, 89.3385

Trichromacy



Original Color

81.1370, 77.7492, 87.0747

Protanomaly

77.2477, 77.6602, 89.5158

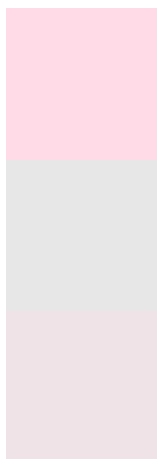
Deuteranomaly

79.9423, 77.5218, 87.0937

Tritanomaly

81.4228, 77.8635, 88.5796

Monochromacy



Original Color

81.1370, 77.7492, 87.0747

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.8281, 79.2330, 86.7928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1370, 77.7492, 87.0747 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, 219, 232) looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 219, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 232) }
```

Border

The CSS property to change the border of an element to XYZ 81.1370, 77.7492, 87.0747 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, 219, 232) }
```


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

```
.border{ border-color:rgb(255, 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(255, 219, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1370, 77.7492, 87.0747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 232) }
```

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

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