

Converting Colors

XYZ(80.3179, 75.7769, 87.8312)

Have a look what the booklet for
XYZ(80.3179, 75.7769, 87.8312)
contains.

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Color

**XYZ(80.2484, 75.7441,
87.4813)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7E9
RGB	255, 215, 233
RGB Percent	100%, 84%, 91%
CMY	0.0000, 0.1568, 0.0863
CMYK	0.00, 0.16, 0.09, 0.00
HSL	333°, 100%, 92%
HSV	333°, 16%, 100%
XYZ	80.2484, 75.7441, 87.4813
YIQ	229.0120, 18.0620, 14.0780

Conversions

Conversions Part 2

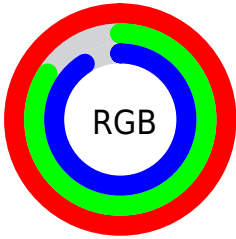
Format	Color
R_{YB}	255, 215, 233
Decimal	16766953
CIE _{Lab}	89.74, 16.80, -3.62
CIE _{LCh}	90, 17.181, 347.842
Yxy	75.7441, 0.3296, 0.3111
Android (android.graphics.Color)	4294957033 (0xFFFFD7E9)
YUV	229.0120, 1.9661, 22.7915
Hunter-Lab	87.0311, 12.2844, 1.3251

Details

The XYZ color **80.2484, 75.7441, 87.4813** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0729, 92.0827, 93.7305**, and the grayscale version is **74.4633, 78.3412, 85.3136**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7953, 40.3217, 47.0696** is the 20% darker color. If you saturate the color by 10%, you get **72.3296, 62.9865, 75.3461**, and if you desaturate by 10%, it is **89.3421, 90.5957, 100.7959**.

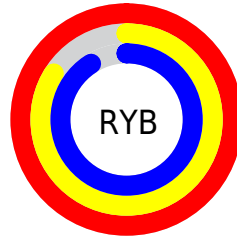
Distribution



Red (100%)

Green (84%)

Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

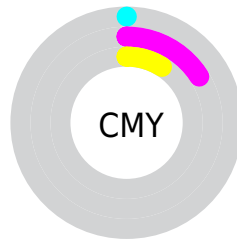


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.2484, 75.7441, 87.4813 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 80.2484, 75.7441, 87.4813 by changing the saturation by 10% instead.


 80.2484, 75.7441,
87.4813

 80.2484, 75.7441,
87.4813


484.4934,
480.4713, 540.1603

 60.2320, 56.2227,
65.3317


132.6636,
127.3651, 145.7396

 43.8558, 40.3815,
47.2770


165.7931,
160.2335, 182.6853

 30.7546, 27.8361,
32.8988

204.0243,
198.3197, 225.4002

 20.5629, 18.2022,
21.7784

247.7225,
242.0081, 274.3027

 12.9155, 11.0952,
13.4974

297.2532,
291.6830, 329.8115

 7.4470, 6.1309,
7.6372

352.9817,

 3.7920, 2.9249,

347.7289, 392.3450

3.7793

415.2733,
410.5302, 462.3217

■ 1.5851, 1.0926,
1.5051

■ 0.3827, 0.0000,
0.2217

■ 80.2484, 75.7441,
87.4813

■ 80.2484, 75.7441,
87.4813

■ 72.3296, 62.9865,
75.3461

■ 89.3421, 90.5957,
100.7959

■ 65.5298, 52.2184,
64.3507

95.0500, 100.0000,
108.9000

■ 59.7967, 43.3407,
54.4596

■ 55.0713, 36.2418,
45.6337

■ 51.2885, 30.7983,
37.8309

■ 48.3753, 26.8709,
31.0054

■ 46.2467, 24.2967,
25.1067

■ 44.7982, 22.8749,
20.0764

■ 44.3194, 22.4918,
18.1461

Harmonies

Analogous

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



78.1981, 75.7441, 99.1330



80.2484, 75.7441, 87.4813



80.0240, 75.7441, 75.5326

Triad

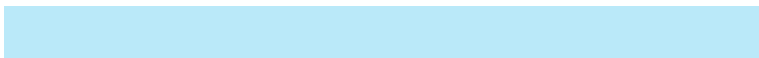
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2484, 75.7441, 87.4813



69.5267, 75.7441, 62.2085



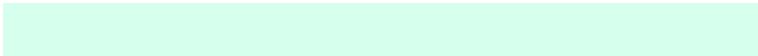
66.6651, 75.7441, 100.9929

Complementary

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



80.2484, 75.7441, 87.4813



79.0729, 92.0827, 93.7305

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.



64.5172, 75.7441, 89.8249



80.2484, 75.7441, 87.4813



66.1242, 75.7441, 67.7916

Square

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



80.2484, 75.7441, 87.4813



73.7208, 75.7441, 61.7139



64.3232, 75.7441, 77.6585



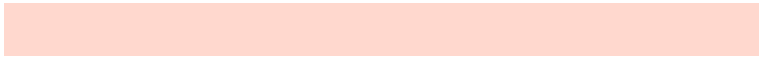
70.2914, 75.7441, 107.4309

Rectangle

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



80.2484, 75.7441, 87.4813



78.6153, 75.7441, 68.9789



64.3232, 75.7441, 77.6585



65.7525, 75.7441, 97.6201

Sweetspot

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



80.2502, 75.7473, 87.4829



90.0078, 91.6897, 101.7502



77.2780, 73.8290, 104.7852



19.1190, 19.3848, 21.5689



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

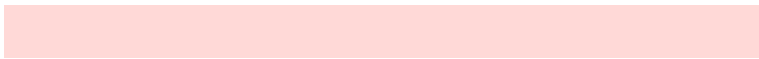
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.2502, 75.7473, 87.4829



77.4962, 71.2888, 83.3295



78.3209, 75.7953, 74.7961



18.3491, 18.1230, 20.4556



23.2306, 11.7816, 9.8650



2.3160, 1.1688, 1.2456

Inverse Universe

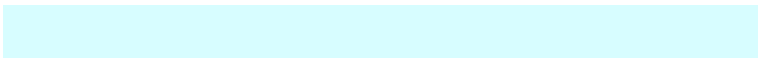
The Inverse Universe completely reimagines the original color for something new.



80.2502, 75.7473, 87.4829



77.4962, 71.2888, 83.3295



81.2015, 91.9187, 108.0701



18.3491, 18.1230, 20.4556



23.2306, 11.7816, 9.8650



2.3160, 1.1688, 1.2456

Previews

White Background



This preview shows how the XYZ color 80.2484, 75.7441, 87.4813 looks on a white background.

Color Contrast Check

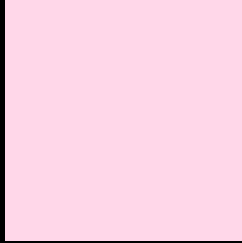
Large Text (above 18pt) WCAG AA × Fail

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 80.2484, 75.7441, 87.4813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

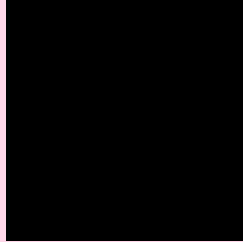
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.2484, 75.7441, 87.4813

Background



This preview shows how black text looks on a background with the XYZ color 80.2484, 75.7441, 87.4813.



This preview shows how white text looks on a background with the XYZ color 80.2484, 75.7441,

87.4813.

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

80.2484, 75.7441, 87.4813

Protanopia

73.5997, 75.7121, 92.3961

Deuteranopia

77.5532, 75.9017, 86.9069



Tritanopia

80.1059, 75.6871, 86.7310

Trichromacy



Original Color

80.2484, 75.7441, 87.4813

Protanomaly

76.0676, 75.8319, 90.7486

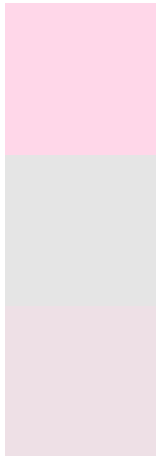
Deuteranomaly

78.7038, 76.1087, 86.8862

Tritanomaly

80.1059, 75.6871, 86.7310

Monochromacy



Original Color

80.2484, 75.7441, 87.4813

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.1985, 77.2016, 85.7482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2484, 75.7441, 87.4813 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, 215, 233) looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 233)  
}
```

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, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 233) }
```

Border

The CSS property to change the border of an element to XYZ 80.2484, 75.7441, 87.4813 is called "border". The border property can be set on classes, ids or directly on the HTML element.

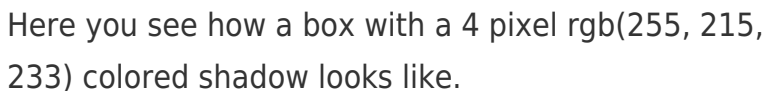
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 233) }
```


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

```
.border{ border-color:rgb(255, 215, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2484, 75.7441, 87.4813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 233) }
```

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

```
.background{ background-color: rgb(255,  
215, 233) }
```

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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