

Converting Colors

XYZ(80.0509, 75.1911, 87.8772)

Have a look what the booklet for XYZ(80.0509, 75.1911, 87.8772) contains.

XYZ(80.1379, 75.2936, 88.1513) 3

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Color

**XYZ(80.1379, 75.2936,
88.1513)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6EA
RGB	255, 214, 234
RGB Percent	100%, 84%, 92%
CMY	0.0000, 0.1608, 0.0823
CMYK	0.00, 0.16, 0.08, 0.00
HSL	331°, 100%, 92%
HSV	331°, 16%, 100%
XYZ	80.1379, 75.2936, 88.1513
YIQ	228.5390, 18.0160, 14.9120

Conversions

Conversions Part 2

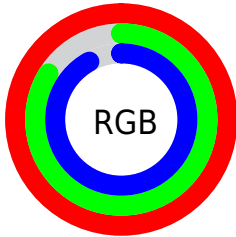
Format	Color
R _Y B	255, 214, 234
Decimal	16766698
CIE Lab	89.53, 17.48, -4.45
CIE LCh	90, 18.043, 345.708
Yxy	75.2936, 0.3290, 0.3091
Android (android.graphics.Color)	4294956778 (0xFFFFD6EA)
YUV	228.5390, 2.6923, 23.2063
Hunter-Lab	86.7719, 13.0023, 0.5078

Details

The XYZ color **80.1379, 75.2936, 88.1513** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.4893, 91.8154, 92.1859**, and the grayscale version is **74.1107, 77.9702, 84.9095**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7227, 40.0164, 47.5390** is the 20% darker color. If you saturate the color by 10%, you get **72.3745, 62.6602, 76.6444**, and if you desaturate by 10%, it is **89.0531, 90.0089, 100.7268**.

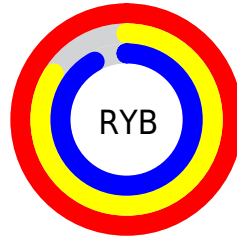
Distribution



Red (100%)

Green (84%)

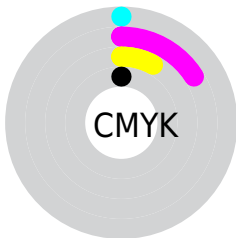
Blue (92%)



Red (100%)

Yellow (84%)

Blue (92%)

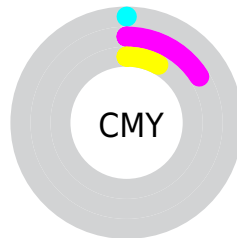


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.1379, 75.2936, 88.1513 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 80.1379, 75.2936, 88.1513 by changing the saturation by 10% instead.


 80.1379, 75.2936,
88.1513

 80.1379, 75.2936,
88.1513


484.1269,
478.9261, 542.4127

 60.1407, 55.8535,
65.8833


132.5091,
126.7279, 146.6808

 43.7819, 40.0854,
47.7218


165.6138,
159.4908, 183.7794

 30.6963, 27.6052,
33.2482


203.8184,
197.4634, 226.6586

 20.5184, 18.0282,
22.0440

247.4882,
241.0302, 275.7369

 12.8829, 10.9703,
13.6906

296.9886,
290.5754, 331.4330

 7.4244, 6.0468,
7.7695

352.6850,

 3.7776, 2.8736,

346.4836, 394.1653

3.8622

414.9426,
409.1390, 464.3523

■ 1.5771, 1.0661,
1.5500

■ 0.3774, 0.0000,
0.2548

■ 80.1379, 75.2936,
88.1513

■ 80.1379, 75.2936,
88.1513

■ 72.3745, 62.6602,
76.6444

■ 89.0531, 90.0089,
100.7268

■ 65.7083, 52.0045,
66.1702

95.0500, 100.0000,
108.9000

■ 60.0872, 43.2273,
56.6973

■ 55.4529, 36.2168,
48.1905

■ 51.7408, 30.8496,
40.6121

■ 48.8785, 26.9859,
33.9210

■ 46.7813, 24.4621,
28.0713

■ 45.3448, 23.0757,
23.0098

■ 44.9022, 22.7249,
21.2150

Harmonies

Analogous

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



77.8346, 75.2936, 100.2197



80.1379, 75.2936, 88.1513



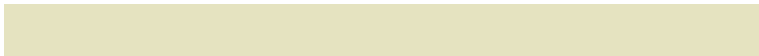
80.0792, 75.2936, 75.5547

Triad

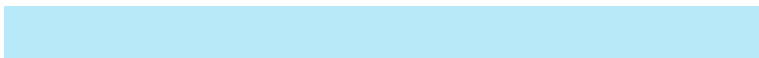
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1379, 75.2936, 88.1513



69.2834, 75.2936, 60.6738



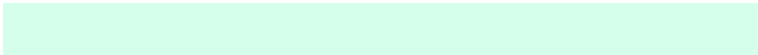
65.7807, 75.2936, 100.7077

Complementary

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



80.1379, 75.2936, 88.1513



78.4893, 91.8154, 92.1859

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.



63.6755, 75.2936, 88.7637



80.1379, 75.2936, 88.1513



65.6402, 75.2936, 66.1029

Square

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



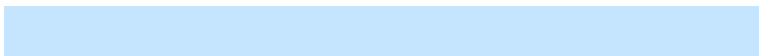
80.1379, 75.2936, 88.1513



73.6872, 75.2936, 60.5462



63.6251, 75.2936, 76.1073



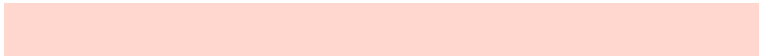
69.4825, 75.2936, 107.9598

Rectangle

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



80.1379, 75.2936, 88.1513



78.7044, 75.2936, 68.5552



63.6251, 75.2936, 76.1073



64.8697, 75.2936, 97.0563

Sweetspot

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



80.1395, 75.2967, 88.1529



90.0828, 91.7197, 102.1447



76.1951, 72.8937, 104.6617



19.1372, 19.3921, 21.6647



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.



80.1395, 75.2967, 88.1529



77.7525, 71.3913, 84.6791



77.4264, 74.2114, 73.8656



18.3786, 18.1348, 20.6109



23.5372, 11.9042, 11.4795



2.3467, 1.1811, 1.4072

Inverse Universe

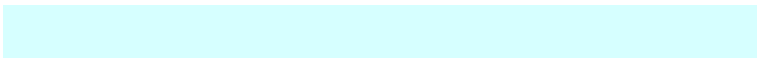
The Inverse Universe completely reimagines the original color for something new.



80.1395, 75.2967, 88.1529



77.7525, 71.3913, 84.6791



81.5432, 93.0370, 108.2679



18.3786, 18.1348, 20.6109



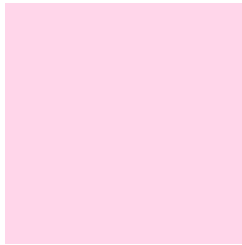
23.5372, 11.9042, 11.4795



2.3467, 1.1811, 1.4072

Previews

White Background



This preview shows how the XYZ color 80.1379, 75.2936, 88.1513 looks on a white background.

Color Contrast Check

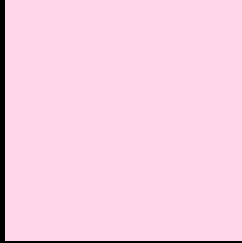
Large Text (above 18pt) WCAG AA × Fail

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 80.1379, 75.2936, 88.1513 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 80.1379, 75.2936, 88.1513

Background



This preview shows how black text looks on a background with the XYZ color 80.1379, 75.2936, 88.1513.



This preview shows how white text looks on a background with the XYZ color 80.1379, 75.2936,

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

80.1379, 75.2936, 88.1513

Protanopia

73.4352, 75.6101, 93.1618

Deuteranopia

76.7415, 75.0807, 87.5381



Tritanopia

79.7104, 75.1227, 85.9002

Trichromacy



Original Color

80.1379, 75.2936, 88.1513

Protanomaly

75.6179, 75.1923, 91.4170

Deuteranomaly

77.8786, 75.2831, 87.5172

Tritanomaly

79.8521, 75.1793, 86.6463

Monochromacy



Original Color

80.1379, 75.2936, 88.1513

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.3394, 77.2580, 86.4901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.1379, 75.2936, 88.1513 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, 214, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 234)  
}
```

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, 214, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 234) }
```

Border

The CSS property to change the border of an element to XYZ 80.1379, 75.2936, 88.1513 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, 214, 234) }
```


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

```
.border{ border-color:rgb(255, 214, 234) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 80.1379, 75.2936, 88.1513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 234) }
```

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

```
.background{ background-color: rgb(255,  
214, 234) }
```

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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