

Converting Colors

XYZ(80.3758, 76.4227, 88.5848)

Have a look what the booklet for
XYZ(80.3758, 76.4227, 88.5848)
contains.

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Color

**XYZ(80.5372, 76.6371,
88.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	FED9EA
RGB	254, 217, 234
RGB Percent	100%, 85%, 92%
CMY	0.0039, 0.1490, 0.0823
CMYK	0.00, 0.15, 0.08, 0.00
HSL	332°, 95%, 92%
HSV	332°, 15%, 100%
XYZ	80.5372, 76.6371, 88.3896
YIQ	230.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

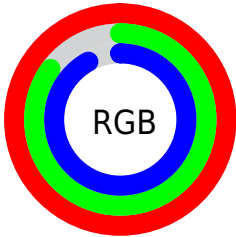
Format	Color
R_{YB}	254, 217, 234
Decimal	16701930
CIE Lab	90.15, 15.58, -3.55
CIE LCh	90, 15.976, 347.176
Yxy	76.6371, 0.3280, 0.3121
Android (android.graphics.Color)	4294892010 (0xFF FED9EA)
YUV	230.0010, 1.9715, 21.0471
Hunter-Lab	87.5426, 11.0163, 1.4162

Details

The XYZ color **80.5372, 76.6371, 88.3896** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3462, 91.7518, 93.6530**, and the grayscale version is **75.1937, 79.1096, 86.1504**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9822, 40.9253, 47.7007** is the 20% darker color. If you saturate the color by 10%, you get **72.5908, 63.7791, 76.3825**, and if you desaturate by 10%, it is **89.6485, 91.5781, 101.5412**.

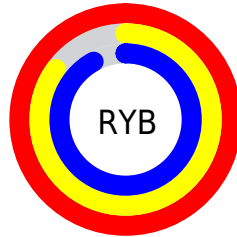
Distribution



Red (100%)

Green (85%)

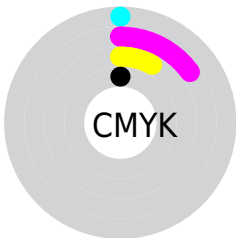
Blue (92%)



Red (100%)

Yellow (85%)

Blue (92%)

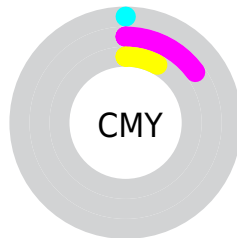


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.5372, 76.6371, 88.3896 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 80.5372, 76.6371, 88.3896 by changing the saturation by 10% instead.


 80.5372, 76.6371,
88.3896

 80.5372, 76.6371,
88.3896


485.4504,
483.5258, 543.2126

 60.4705, 56.9551,
66.0796


133.0673,
128.6271, 147.0153

 44.0489, 40.9692,
47.8801


166.2614,
161.7038, 184.1682

 30.9070, 28.2950,
33.3727


204.5621,
200.0143, 227.1057

 20.6795, 18.5482,
22.1386

248.3346,
243.9428, 276.2464

 13.0011, 11.3442,
13.7595

297.9443,
293.8739, 332.0090

 7.5063, 6.2989,
7.8168

353.7566,

 3.8298, 3.0277,

350.1918, 394.8118

3.8918

416.1369,
413.2810, 465.0735

■ 1.6063, 1.1462,
1.5662

■ 0.3965, 0.0171,
0.2665

■ 80.5372, 76.6371,
88.3896

■ 80.5372, 76.6371,
88.3896

■ 72.5908, 63.7791,
76.3825

■ 89.6485, 91.5781,
101.5412

■ 65.7533, 52.9008,
65.4815

94.6835, 99.8111,
108.8828

■ 59.9739, 43.9052,
55.6530

■ 55.1949, 36.6830,
46.8595

■ 51.3530, 31.1135,
39.0608

■ 48.3771, 27.0608,
32.2134

■ 46.1846, 24.3672,
26.2690

■ 44.6755, 22.8390,
21.1724

■ 44.0660, 22.3481,
18.7244

Harmonies

Analogous

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



78.5821, 76.6371, 99.1975



80.5372, 76.6371, 88.3896



80.3770, 76.6371, 77.1567

Triad

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



80.5372, 76.6371, 88.3896



70.6112, 76.6371, 64.2600



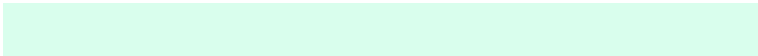
67.7768, 76.6371, 100.5200

Complementary

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



80.5372, 76.6371, 88.3896



79.3462, 91.7518, 93.6530

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.



65.7919, 76.6371, 90.0656



80.5372, 76.6371, 88.3896



67.3871, 76.6371, 69.4548

Square

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



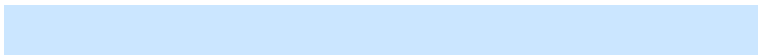
80.5372, 76.6371, 88.3896



74.5480, 76.6371, 63.8999



65.6519, 76.6371, 78.6879



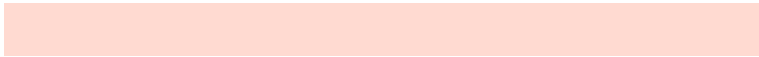
71.1608, 76.6371, 106.6167

Rectangle

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



80.5372, 76.6371, 88.3896



79.0915, 76.6371, 70.9246



65.6519, 76.6371, 78.6879



66.9293, 76.6371, 97.3579

Sweetspot

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



80.5394, 76.6405, 88.3912



91.0067, 93.3138, 103.2351



77.5412, 74.7439, 104.1071



19.3211, 19.7123, 21.8731



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

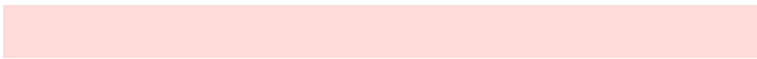
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.5394, 76.6405, 88.3912



79.1998, 73.9737, 86.1243



78.5321, 76.3481, 76.2473



18.3565, 18.1259, 20.4943



23.3044, 11.8111, 10.2535



2.3235, 1.1718, 1.2848

Inverse Universe

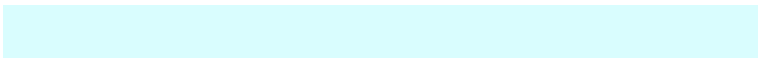
The Inverse Universe completely reimagines the original color for something new.



80.5394, 76.6405, 88.3912



79.1998, 73.9737, 86.1243



81.5587, 92.0126, 107.2285



18.3565, 18.1259, 20.4943



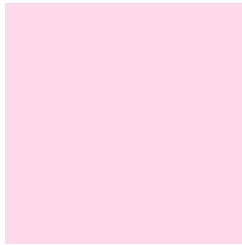
23.3044, 11.8111, 10.2535



2.3235, 1.1718, 1.2848

Previews

White Background



This preview shows how the XYZ color 80.5372, 76.6371, 88.3896 looks on a white background.

Color Contrast Check

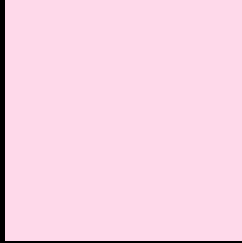
Large Text (above 18pt) WCAG AA × Fail

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 80.5372, 76.6371, 88.3896 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 80.5372, 76.6371, 88.3896

Background



This preview shows how black text looks on a background with the XYZ color 80.5372, 76.6371, 88.3896.

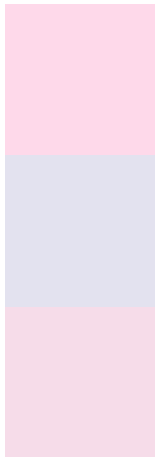


This preview shows how white text looks on a background with the XYZ color 80.5372, 76.6371,

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

80.5372, 76.6371, 88.3896

Protanopia

74.4549, 76.9556, 92.5911

Deuteranopia

78.3072, 76.6624, 87.7609



Tritanopia

80.5372, 76.6371, 88.3896

Trichromacy



Original Color

80.5372, 76.6371, 88.3896

Protanomaly

76.5988, 76.8943, 90.9257

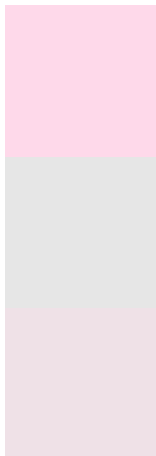
Deuteranomaly

79.1064, 76.6860, 87.7233

Tritanomaly

80.5372, 76.6371, 88.3896

Monochromacy



Original Color

80.5372, 76.6371, 88.3896

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

76.9456, 77.9707, 86.5957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.5372, 76.6371, 88.3896 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(254, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 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(254, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 234) }
```

Border

The CSS property to change the border of an element to XYZ 80.5372, 76.6371, 88.3896 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(254, 217, 234) }
```


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

```
.border{ border-color:rgb(254, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 80.5372, 76.6371, 88.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 217, 234) }
```

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

```
.background{ background-color: rgb(254,  
217, 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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