

Converting Colors

XYZ(89.8454, 79.9984, 87.6551)

Have a look what the booklet for
XYZ(89.8454, 79.9984, 87.6551)
contains.

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Color

**XYZ(79.7422, 74.7317,
87.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5E9
RGB	255, 213, 233
RGB Percent	100%, 84%, 91%
CMY	0.0000, 0.1647, 0.0863
CMYK	0.00, 0.16, 0.09, 0.00
HSL	331°, 100%, 92%
HSV	331°, 16%, 100%
XYZ	79.7422, 74.7317, 87.3126
YIQ	227.8380, 18.6120, 15.1240

Conversions

Conversions Part 2

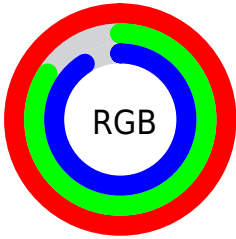
Format	Color
R_{YB}	255, 213, 233
Decimal	16766441
CIE Lab	89.27, 17.84, -4.31
CIE LCh	89, 18.354, 346.403
Yxy	74.7317, 0.3298, 0.3091
Android (android.graphics.Color)	4294956521 (0xFFFFD5E9)
YUV	227.8380, 2.5449, 23.8211
Hunter-Lab	86.4475, 13.3715, 0.6299

Details

The XYZ color **79.7422, 74.7317, 87.3126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1984, 91.6655, 92.1725**, and the grayscale version is **73.5985, 77.4313, 84.3227**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4514, 39.6338, 46.9549** is the 20% darker color. If you saturate the color by 10%, you get **71.9889, 62.1642, 75.6673**, and if you desaturate by 10%, it is **88.6519, 89.3801, 100.0581**.

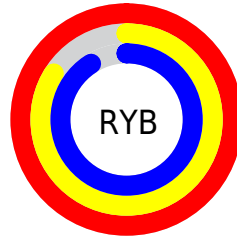
Distribution



Red (100%)

Green (84%)

Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

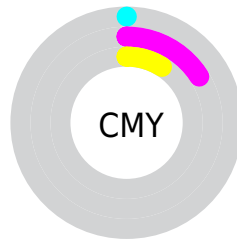


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7422, 74.7317, 87.3126 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 79.7422, 74.7317, 87.3126 by changing the saturation by 10% instead.


 79.7422, 74.7317,
87.3126

 79.7422, 74.7317,
87.3126


482.8134,
476.9949, 539.5924

 59.8140, 55.3931,
65.1928


131.9556,
125.9325, 145.5025

 43.5176, 39.7166,
47.1651


164.9716,
158.5635, 182.4097

 30.4877, 27.3176,
32.8109


203.0808,
196.3941, 225.0831

 20.3590, 17.8119,
21.7117

246.6486,
239.8087, 273.9413

 12.7660, 10.8150,
13.4489

296.0404,
289.1917, 329.4027

 7.3435, 5.9426,
7.6041

351.6216,

 3.7261, 2.8102,

344.9274, 391.8861

3.7585

413.7575,
407.4004, 461.8098

■ 1.5484, 1.0335,
1.4938

■ 0.3584, 0.0000,
0.2133

■ 79.7422, 74.7317,
87.3126

■ 79.7422, 74.7317,
87.3126

■ 71.9889, 62.1642,
75.6673

■ 88.6519, 89.3801,
100.0581

■ 65.3366, 51.5729,
65.0852

95.0500, 100.0000,
108.9000

■ 59.7331, 42.8582,
55.5335

■ 55.1194, 35.9079,
46.9758

■ 51.4307, 30.5979,
39.3730

■ 48.5937, 26.7874,
32.6824

■ 46.5230, 24.3118,
26.8564

■ 45.1124, 22.9654,
21.8397

■ 44.7169, 22.6508,
20.2391

Harmonies

Analogous

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



77.4575, 74.7317, 99.6081



79.7422, 74.7317, 87.3126



79.6242, 74.7317, 74.5959

Triad

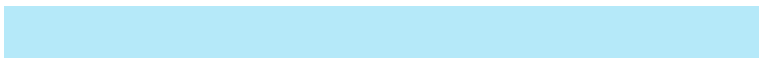
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7422, 74.7317, 87.3126



68.6237, 74.7317, 59.9116



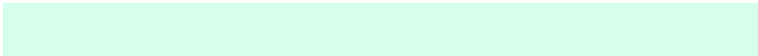
65.2505, 74.7317, 100.5897

Complementary

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



79.7422, 74.7317, 87.3126



78.1984, 91.6655, 92.1725

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.



63.0780, 74.7317, 88.5425



79.7422, 74.7317, 87.3126



64.9688, 74.7317, 65.5064

Square

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



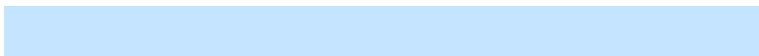
79.7422, 74.7317, 87.3126



73.0760, 74.7317, 59.6567



62.9771, 74.7317, 75.7036



69.0231, 74.7317, 107.8006

Rectangle

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



79.7422, 74.7317, 87.3126



78.1963, 74.7317, 67.5812



62.9771, 74.7317, 75.7036



64.3159, 74.7317, 96.9176

Sweetspot

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



79.7440, 74.7348, 87.3142



90.0597, 91.7104, 102.0234



76.0087, 72.4232, 104.5807



19.1316, 19.3898, 21.6352



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.



79.7440, 74.7348, 87.3142



76.8759, 70.0629, 83.0771



77.2232, 74.0088, 73.1698



18.3695, 18.1311, 20.5631



23.4399, 11.8652, 10.9667



2.3370, 1.1772, 1.3562

Inverse Universe

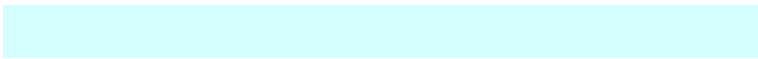
The Inverse Universe completely reimagines the original color for something new.



79.7440, 74.7348, 87.3142



76.8759, 70.0629, 83.0771



81.0294, 92.4413, 108.1800



18.3695, 18.1311, 20.5631



23.4399, 11.8652, 10.9667



2.3370, 1.1772, 1.3562

Previews

White Background



This preview shows how the XYZ color 79.7422, 74.7317, 87.3126 looks on a white background.

Color Contrast Check

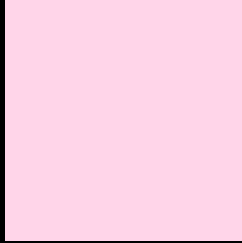
Large Text (above 18pt) WCAG AA × Fail

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 79.7422, 74.7317, 87.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

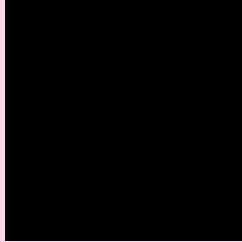
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7422, 74.7317, 87.3126

Background



This preview shows how black text looks on a background with the XYZ color 79.7422, 74.7317, 87.3126.



This preview shows how white text looks on a background with the XYZ color 79.7422, 74.7317,

87.3126.

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

79.7422, 74.7317, 87.3126

Protanopia

72.7081, 74.8546, 92.2776

Deuteranopia

76.5990, 75.0237, 86.7877



Tritanopia

79.3172, 74.5617, 85.0743

Trichromacy



Original Color

79.7422, 74.7317, 87.3126

Protanomaly

74.8785, 74.4396, 90.5425

Deuteranomaly

77.4791, 74.7121, 86.6812

Tritanomaly

79.4581, 74.6180, 85.8161

Monochromacy



Original Color

79.7422, 74.7317, 87.3126

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

75.9305, 76.6657, 85.6589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7422, 74.7317, 87.3126 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, 213, 233) looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 233) }
```

Border

The CSS property to change the border of an element to XYZ 79.7422, 74.7317, 87.3126 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, 213, 233) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7422, 74.7317, 87.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 233) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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