

Converting Colors

XYZ(147.2280, 108.8257,
90.5303)

Have a look what the booklet for
XYZ(147.2280, 108.8257, 90.5303)
contains.

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Color

**XYZ(79.2422, 73.7317,
87.1459)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD3E9 |
| RGB | 255, 211, 233 |
| RGB Percent | 100%, 83%, 91% |
| CMY | 0.0000, 0.1725, 0.0863 |
| CMYK | 0.00, 0.17, 0.09, 0.00 |
| HSL | 330°, 100%, 91% |
| HSV | 330°, 17%, 100% |
| XYZ | 79.2422, 73.7317, 87.1459 |
| YIQ | 226.6640, 19.1620, 16.1700 |

Conversions

Conversions Part 2

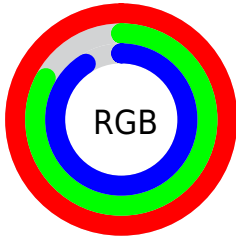
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 211, 233 |
| Decimal | 16765929 |
| CIE Lab | 88.80, 18.89, -5.01 |
| CIE LCh | 89, 19.538, 345.143 |
| Yxy | 73.7317, 0.3300, 0.3071 |
| Android (android.graphics.Color) | 4294956009 (0xFFFFD3E9) |
| YUV | 226.6640, 3.1236, 24.8507 |
| Hunter-Lab | 85.8672, 14.4605, -0.0659 |

Details

The XYZ color **79.2422, 73.7317, 87.1459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3343, 91.2532, 90.6319**, and the grayscale version is **72.7395, 76.5276, 83.3385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1130, 38.9570, 46.8421** is the 20% darker color. If you saturate the color by 10%, you get **71.6465, 61.3506, 75.9498**, and if you desaturate by 10%, it is **87.9779, 88.1813, 99.3733**.

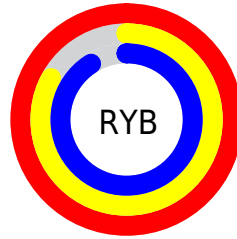
Distribution



Red (100%)

Green (83%)

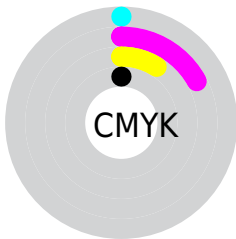
Blue (91%)



Red (100%)

Yellow (83%)

Blue (91%)

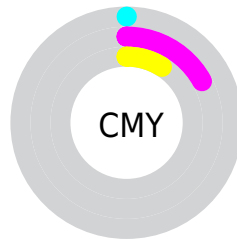


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2422, 73.7317, 87.1459 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 79.2422, 73.7317, 87.1459 by changing the saturation by 10% instead.


 79.2422, 73.7317,
87.1459

 79.2422, 73.7317,
87.1459


481.1508,
473.5469, 539.0308

 59.4013, 54.5745,
65.0556


131.2559,
124.5154, 145.2681

 43.1838, 39.0611,
47.0546


164.1594,
156.9107, 182.1372

 30.2245, 26.8073,
32.7241

202.1478,
194.4874, 224.7696

 20.1580, 17.4285,
21.6458

245.5865,
237.6300, 273.5839

 12.6189, 10.5405,
13.4011

294.8407,
286.7228, 328.9987

 7.2418, 5.7588,
7.5713

350.2760,

 3.6615, 2.6990,

342.1503, 391.4324

3.7381

412.2576,
404.2969, 461.3036

■ 1.5125, 0.9767,
1.4828

■ 0.3343, 0.0000,
0.2051

■ 79.2422, 73.7317,
87.1459

■ 79.2422, 73.7317,
87.1459

■ 71.6465, 61.3506,
75.9498

■ 87.9779, 88.1813,
99.3733

■ 65.1355, 50.9331,
65.7502

95.0500, 100.0000,
108.9000

■ 59.6571, 42.3792,
56.5165

■ 55.1525, 35.5759,
48.2146

■ 51.5567, 30.3981,
40.8077

■ 48.7962, 26.7038,
34.2555

■ 46.7848, 24.3263,
28.5130

■ 45.4124, 23.0506,
23.5263

■ 45.1028, 22.8051,
22.2714

Harmonies

Analogous

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



76.7258, 73.7317, 100.0878



79.2422, 73.7317, 87.1459



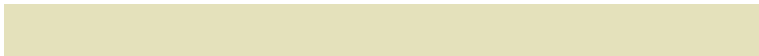
79.2294, 73.7317, 73.6681

Triad

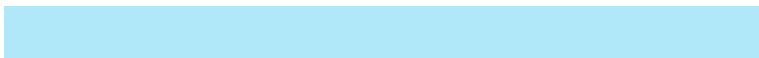
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2422, 73.7317, 87.1459



67.7309, 73.7317, 57.6744



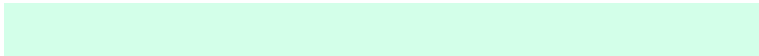
63.8593, 73.7317, 100.1946

Complementary

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



79.2422, 73.7317, 87.1459



77.3343, 91.2532, 90.6319

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.



61.6631, 73.7317, 87.2789



79.2422, 73.7317, 87.1459



63.8290, 73.7317, 63.2770

Square

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



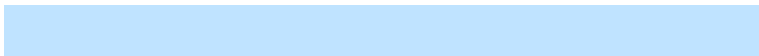
79.2422, 73.7317, 87.1459



72.4374, 73.7317, 57.6474



61.6523, 73.7317, 73.7870



67.7739, 73.7317, 108.1775

Rectangle

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



79.2422, 73.7317, 87.1459



77.7820, 73.7317, 66.2035



61.6523, 73.7317, 73.7870



62.9035, 73.7317, 96.2254

Sweetspot

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



79.2439, 73.7348, 87.1474



90.1070, 91.7293, 102.2722



74.9510, 71.1356, 104.3879



19.1430, 19.3944, 21.6957



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.



79.2439, 73.7348, 87.1474



76.2663, 68.8572, 82.8323



76.2944, 72.5549, 71.6153



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0341



2.3571, 1.1852, 1.4620

Inverse Universe

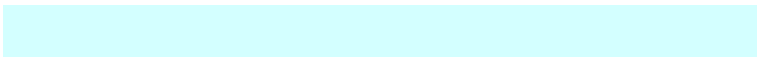
The Inverse Universe completely reimagines the original color for something new.



79.2439, 73.7348, 87.1474



76.2663, 68.8572, 82.8323



80.6757, 92.5898, 108.2273



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0341



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 79.2422, 73.7317, 87.1459 looks on a white background.

Color Contrast Check

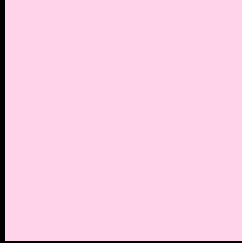
Large Text (above 18pt) WCAG AA × Fail

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 79.2422, 73.7317, 87.1459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

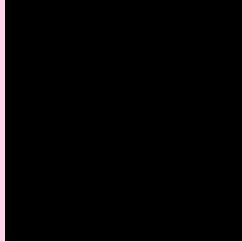
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2422, 73.7317, 87.1459

Background



This preview shows how black text looks on a background with the XYZ color 79.2422, 73.7317, 87.1459.



This preview shows how white text looks on a background with the XYZ color 79.2422, 73.7317,

87.1459.

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

79.2422, 73.7317, 87.1459

Protanopia

71.9737, 74.0634, 92.9403

Deuteranopia

75.3970, 73.6387, 86.5838



Tritanopia

78.4201, 73.7592, 83.5026

Trichromacy



Original Color

79.2422, 73.7317, 87.1459

Protanomaly

74.2891, 73.7497, 90.4404

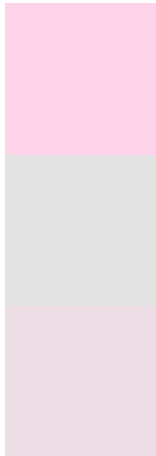
Deuteranomaly

76.6181, 73.5122, 86.4950

Tritanomaly

78.6995, 73.8710, 84.9735

Monochromacy



Original Color

79.2422, 73.7317, 87.1459

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.9244, 75.3746, 84.7285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2422, 73.7317, 87.1459 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, 211, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 233) }
```

Border

The CSS property to change the border of an element to XYZ 79.2422, 73.7317, 87.1459 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, 211, 233) }
```


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

```
.border{ border-color:rgb(255, 211, 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, 211, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2422, 73.7317, 87.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 233) }
```

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

```
.background{ background-color: rgb(255,  
211, 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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