

Converting Colors

XYZ(79.5959, 74.1321, 88.2101)

Have a look what the booklet for
XYZ(79.5959, 74.1321, 88.2101)
contains.

XYZ(79.6348, 74.2875, 87.9836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.6348, 74.2875,
87.9836)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4EA
RGB	255, 212, 234
RGB Percent	100%, 83%, 92%
CMY	0.0000, 0.1686, 0.0823
CMYK	0.00, 0.17, 0.08, 0.00
HSL	329°, 100%, 92%
HSV	329°, 17%, 100%
XYZ	79.6348, 74.2875, 87.9836
YIQ	227.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

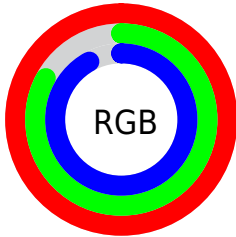
Format	Color
R _Y B	255, 212, 234
Decimal	16766186
CIE Lab	89.06, 18.53, -5.15
CIE LCh	89, 19.231, 344.467
Yxy	74.2875, 0.3292, 0.3071
Android (android.graphics.Color)	4294956266 (0xFFFFD4EA)
YUV	227.3650, 3.2711, 24.2359
Hunter-Lab	86.1902, 14.0909, -0.1905

Details

The XYZ color **79.6348, 74.2875, 87.9836** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6217, 91.4014, 90.6454**, and the grayscale version is **73.2483, 77.0629, 83.9215**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3816, 39.3341, 47.4253** is the 20% darker color. If you saturate the color by 10%, you get **72.0299, 61.8410, 76.9295**, and if you desaturate by 10%, it is **88.3755, 88.8036, 100.0389**.

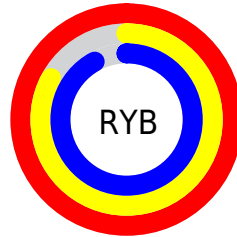
Distribution



Red (100%)

Green (83%)

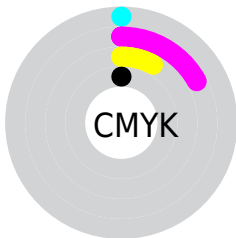
Blue (92%)



Red (100%)

Yellow (83%)

Blue (92%)

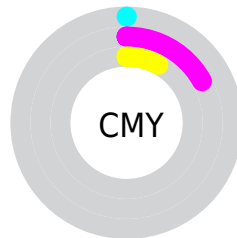


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6348, 74.2875, 87.9836 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 79.6348, 74.2875, 87.9836 by changing the saturation by 10% instead.


 79.6348, 74.2875,
87.9836

 79.6348, 74.2875,
87.9836


482.4565,
475.4650, 541.8494

 59.7253, 55.0294,
65.7452


131.8054,
125.3033, 146.4453

 43.4459, 39.4252,
47.6104


164.7972,
157.8297, 183.5056

 30.4311, 27.0907,
33.1607


202.8805,
195.5477, 226.3438

 20.3158, 17.6414,
21.9774

246.4206,
238.8417, 275.3782

 12.7344, 10.6928,
13.6422

295.7829,
288.0960, 331.0274

 7.3216, 5.8607,
7.7363

351.3328,

 3.7122, 2.7605,

343.6951, 393.7100

3.8413

413.4355,
406.0233, 463.8445

■ 1.5406, 1.0080,
1.5387

■ 0.3532, 0.0000,
0.2465

■ 79.6348, 74.2875,
87.9836

■ 79.6348, 74.2875,
87.9836

■ 72.0299, 61.8410,
76.9295

■ 88.3755, 88.8036,
100.0389

■ 65.5060, 51.3599,
66.8426

95.0500, 100.0000,
108.9000

■ 60.0114, 42.7441,
57.6937

■ 55.4876, 35.8816,
49.4498

■ 51.8702, 30.6476,
42.0753

■ 49.0862, 26.9013,
35.5315

■ 47.0504, 24.4770,
29.7747

■ 45.6556, 23.1653,
24.7534

■ 45.3000, 22.8840,
23.3094

Harmonies

Analogous

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



77.0990, 74.2875, 100.7008



79.6348, 74.2875, 87.9836



79.6817, 74.2875, 74.6193

Triad

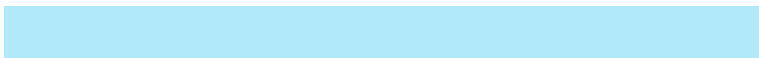
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6348, 74.2875, 87.9836



68.3844, 74.2875, 58.4167



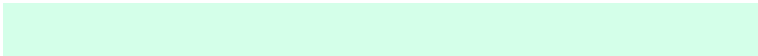
64.3808, 74.2875, 100.3093

Complementary

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



79.6348, 74.2875, 87.9836



77.6217, 91.4014, 90.6454

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.



62.2508, 74.2875, 87.4951



79.6348, 74.2875, 87.9836



64.4921, 74.2875, 63.8583

Square

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



79.6348, 74.2875, 87.9836



73.0445, 74.2875, 58.5166



62.2906, 74.2875, 74.1816



68.2264, 74.2875, 108.3347

Rectangle

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



79.6348, 74.2875, 87.9836



78.2874, 74.2875, 67.1646



62.2906, 74.2875, 74.1816



63.4481, 74.2875, 96.3605

Sweetspot

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



79.6365, 74.2905, 87.9852



90.1300, 91.7386, 102.3938



75.1296, 71.5977, 104.4677



19.1487, 19.3967, 21.7252



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.



79.6365, 74.2905, 87.9852



77.1286, 70.1640, 84.4080



76.7600, 73.1400, 72.8380



18.3973, 18.1422, 20.7092



23.7459, 11.9877, 12.5785



2.3673, 1.1893, 1.5154

Inverse Universe

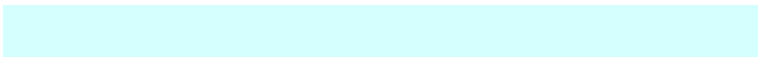
The Inverse Universe completely reimagines the original color for something new.



79.6365, 74.2905, 87.9852



77.1286, 70.1640, 84.4080



80.8479, 92.6919, 107.6343



18.3973, 18.1422, 20.7092



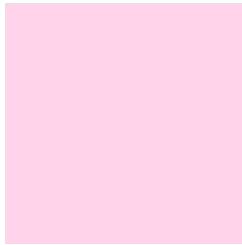
23.7459, 11.9877, 12.5785



2.3673, 1.1893, 1.5154

Previews

White Background



This preview shows how the XYZ color 79.6348, 74.2875, 87.9836 looks on a white background.

Color Contrast Check

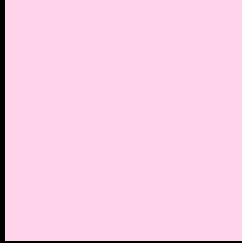
Large Text (above 18pt) WCAG AA × Fail

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 79.6348, 74.2875, 87.9836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

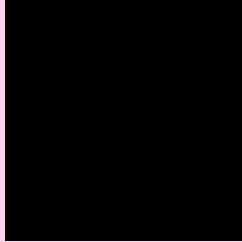
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6348, 74.2875, 87.9836

Background



This preview shows how black text looks on a background with the XYZ color 79.6348, 74.2875, 87.9836.



This preview shows how white text looks on a background with the XYZ color 79.6348, 74.2875,

87.9836.

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

79.6348, 74.2875, 87.9836

Protanopia

72.5473, 74.7546, 93.0435

Deuteranopia

75.7965, 74.2097, 87.4198



Tritanopia

78.8102, 74.3165, 84.3195

Trichromacy



Original Color

79.6348, 74.2875, 87.9836

Protanomaly

75.0251, 74.4982, 91.3143

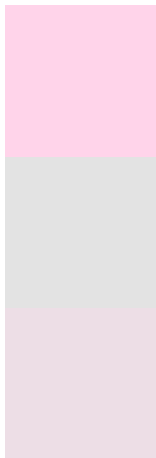
Deuteranomaly

77.0145, 74.0769, 87.3300

Tritanomaly

79.0911, 74.4289, 85.7990

Monochromacy



Original Color

79.6348, 74.2875, 87.9836

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.3293, 75.9602, 85.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6348, 74.2875, 87.9836 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, 212, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 234) }
```

Border

The CSS property to change the border of an element to XYZ 79.6348, 74.2875, 87.9836 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, 212, 234) }
```


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

```
.border{ border-color:rgb(255, 212, 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, 212, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6348, 74.2875, 87.9836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 234) }
```

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

```
.background{ background-color: rgb(255,  
212, 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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