

Converting Colors

XYZ(107.5758, 92.4405,
85.9350)

Have a look what the booklet for
XYZ(107.5758, 92.4405, 85.9350)
contains.

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Color

**XYZ(81.3649, 79.1040,
84.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEE4
RGB	255, 222, 228
RGB Percent	100%, 87%, 89%
CMY	0.0000, 0.1294, 0.1059
CMYK	0.00, 0.13, 0.11, 0.00
HSL	349°, 100%, 94%
HSV	349°, 13%, 100%
XYZ	81.3649, 79.1040, 84.3790
YIQ	232.5510, 17.7420, 8.8620

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 222, 228
Decimal	16768740
CIE Lab	91.28, 12.34, 1.26
CIE LCh	91, 12.400, 5.844
Yxy	79.1040, 0.3323, 0.3231
Android (android.graphics.Color)	4294958820 (0xFFFFDDEE4)
YUV	232.5510, -2.2436, 19.6878
Hunter-Lab	88.9404, 7.6505, 6.0091

Details

The XYZ color **81.3649, 79.1040, 84.3790** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9856, 93.8904, 103.3751**, and the grayscale version is **77.1233, 81.1397, 88.3611**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6502, 42.6603, 45.4161** is the 20% darker color. If you saturate the color by 10%, you get **72.3733, 65.4802, 67.9427**, and if you desaturate by 10%, it is **91.7340, 94.9228, 103.0015**.

Distribution



Red (100%)

Green (87%)

Blue (89%)



Red (100%)

Yellow (87%)

Blue (89%)



Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3649, 79.1040, 84.3790 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 81.3649, 79.1040, 84.3790 by changing the saturation by 10% instead.


 81.3649, 79.1040,
84.3790

 81.3649, 79.1040,
84.3790


488.1876,
491.9081, 529.6619

 61.1545, 58.9813,
62.7812


134.2235,
132.1053, 141.3717

 44.6029, 42.5981,
45.2244


167.6024,
165.7526, 177.6036

 31.3447, 29.5699,
31.2899


206.1015,
204.6770, 219.5507

 21.0146, 19.5124,
20.5594

250.0862,
249.2628, 267.6314

 13.2472, 12.0411,
12.6142

299.9218,
299.8944, 322.2644

 7.6771, 6.7717,
7.0359

355.9736,

 3.9391, 3.3197,

356.9563, 383.8681

3.4058

418.6071,
420.8327, 452.8610

■ 1.6678, 1.3008,
1.3054

■ 0.4360, 0.1419,
0.0662

■ 81.3649, 79.1040,
84.3790

■ 81.3649, 79.1040,
84.3790

■ 72.3733, 65.4802,
67.9427

■ 91.7340, 94.9228,
103.0015

■ 64.6956, 53.9447,
53.6070

95.0500, 100.0000,
108.9000

■ 58.2712, 44.3971,
41.2881

■ 53.0324, 36.7245,
30.8945

■ 48.9051, 30.8026,
22.3275

■ 45.8068, 26.4923,
15.4797

■ 43.6430, 23.6330,
10.2316

■ 42.3006, 22.0305,
6.4478

■ 41.7398, 21.4599,
4.5620

Harmonies

Analogous

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



80.8409, 79.1040, 93.4156



81.3649, 79.1040, 84.3790



80.1962, 79.1040, 76.3802

Triad

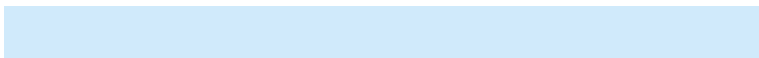
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3649, 79.1040, 84.3790



71.6994, 79.1040, 72.8384



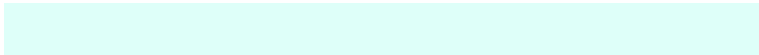
72.7379, 79.1040, 102.9227

Complementary

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



81.3649, 79.1040, 84.3790



82.9856, 93.8904, 103.3751

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.



70.3889, 79.1040, 96.6778



81.3649, 79.1040, 84.3790



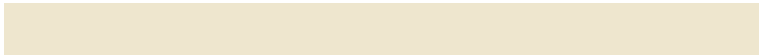
69.8011, 79.1040, 79.2349

Square

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



81.3649, 79.1040, 84.3790



74.5718, 79.1040, 70.0223



69.3281, 79.1040, 87.9067



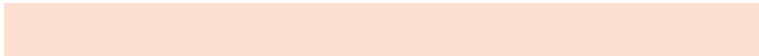
75.8035, 79.1040, 104.5378

Rectangle

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



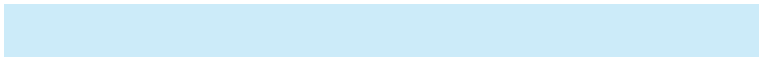
81.3649, 79.1040, 84.3790



78.6332, 79.1040, 72.5769



69.3281, 79.1040, 87.9067



71.8410, 79.1040, 101.2751

Sweetspot

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



81.3667, 79.1073, 84.3807



90.5670, 93.1379, 100.9196



83.2224, 79.5965, 105.5851



19.2101, 19.6678, 21.2884



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

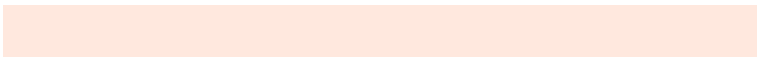
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3667, 79.1073, 84.3807



78.4703, 74.7077, 79.1205



83.4102, 84.5035, 81.0261



18.1441, 18.0410, 19.3762



21.8485, 11.2287, 2.5868



2.1620, 1.1072, 0.4344

Inverse Universe

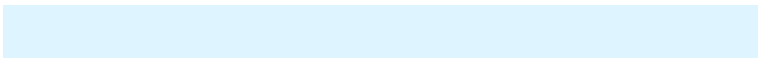
The Inverse Universe completely reimagines the original color for something new.



81.3667, 79.1073, 84.3807



78.4703, 74.7077, 79.1205



80.6931, 87.7846, 107.2989



18.1441, 18.0410, 19.3762



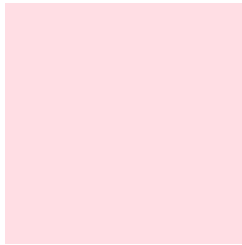
21.8485, 11.2287, 2.5868



2.1620, 1.1072, 0.4344

Previews

White Background



This preview shows how the XYZ color 81.3649, 79.1040, 84.3790 looks on a white background.

Color Contrast Check

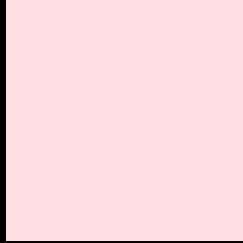
Large Text (above 18pt) WCAG AA × Fail

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 81.3649, 79.1040, 84.3790 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 81.3649, 79.1040, 84.3790

Background



This preview shows how black text looks on a background with the XYZ color 81.3649, 79.1040, 84.3790.



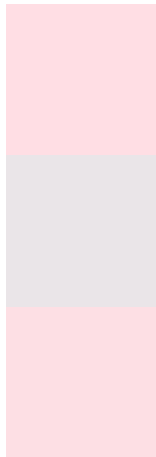
This preview shows how white text looks on a background with the XYZ color 81.3649, 79.1040,

84.3790.

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

81.3649, 79.1040, 84.3790

Protanopia

76.5165, 79.3572, 87.6286

Deuteranopia

80.8993, 79.2594, 84.4335



Tritanopia

82.3825, 79.0873, 91.0441

Trichromacy



Original Color

81.3649, 79.1040, 84.3790

Protanomaly

78.2381, 79.0395, 86.7339

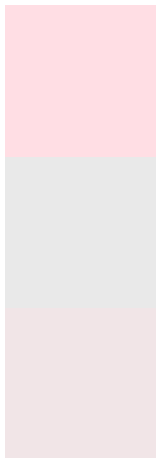
Deuteranomaly

81.2643, 79.4476, 84.4506

Tritanomaly

81.9477, 78.9134, 88.7546

Monochromacy



Original Color

81.3649, 79.1040, 84.3790

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.7187, 80.5089, 86.9922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3649, 79.1040, 84.3790 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, 222, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 228)  
}
```

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, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 228) }
```

Border

The CSS property to change the border of an element to XYZ 81.3649, 79.1040, 84.3790 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, 222, 228) }
```


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

```
.border{ border-color:rgb(255, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3649, 79.1040, 84.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 228) }
```

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

```
.background{ background-color: rgb(255,  
222, 228) }
```

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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