

Converting Colors

XYZ(87.6971, 82.9670, 83.9348)

Have a look what the booklet for
XYZ(87.6971, 82.9670, 83.9348)
contains.

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Color

**XYZ(81.4928, 79.5814,
83.7387)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFE3
RGB	255, 223, 227
RGB Percent	100%, 87%, 89%
CMY	0.0000, 0.1255, 0.1098
CMYK	0.00, 0.13, 0.11, 0.00
HSL	353°, 100%, 94%
HSV	353°, 13%, 100%
XYZ	81.4928, 79.5814, 83.7387
YIQ	233.0240, 17.7880, 8.0280

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 223, 227
Decimal	16768995
CIE _{Lab}	91.50, 11.66, 2.10
CIE _{LCh}	91, 11.843, 10.212
Yxy	79.5814, 0.3329, 0.3251
Android (android.graphics.Color)	4294959075 (0xFFFFDFE3)
YUV	233.0240, -2.9698, 19.2730
Hunter-Lab	89.2084, 6.9469, 6.7912

Details

The XYZ color **81.4928, 79.5814, 83.7387** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.6066, 94.1743, 105.0414**, and the grayscale version is **77.4841, 81.5193, 88.7745**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.7377, 42.9896, 44.9696** is the 20% darker color. If you saturate the color by 10%, you get **72.3030, 65.8154, 66.4520**, and if you desaturate by 10%, it is **92.1116, 95.5658, 103.4733**.

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 81.4928, 79.5814, 83.7387 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 81.4928, 79.5814, 83.7387 by changing the saturation by 10% instead.


 81.4928, 79.5814,
83.7387

 81.4928, 79.5814,
83.7387

488.6098,
493.5210, 527.4805

 61.2602, 59.3739,
62.2556

134.4020,
132.7770, 140.4681

 44.6886, 42.9142,
44.8021


167.8094,
166.5340, 176.5514

 31.4124, 29.8178,
30.9598


206.3391,
205.5763, 218.3385

 21.0665, 19.7003,
20.3100

250.3565,
250.2883, 266.2480

 13.2853, 12.1774,
12.4343

300.2269,
301.0543, 320.6985

 7.7037, 6.8646,
6.9141

356.3157,

 3.9561, 3.3776,

358.2589, 382.1083

3.3308

418.9882,
422.2863, 450.8961

■ 1.6773, 1.3319,
1.2659

■ 0.4420, 0.1657,
0.0336

■ 81.4928, 79.5814,
83.7387

■ 81.4928, 79.5814,
83.7387

■ 72.3030, 65.8154,
66.4520

■ 92.1116, 95.5658,
103.4733

■ 64.4756, 54.1601,
51.5128

95.0500, 100.0000,
108.9000

■ 57.9471, 44.5141,
38.8210

■ 52.6467, 36.7637,
28.2674

■ 48.4969, 30.7835,
19.7337

■ 45.4112, 26.4333,
13.0900

■ 43.2904, 23.5516,
8.1908

■ 42.0164, 21.9433,
4.8693

■ 41.4986, 21.3634,
3.2919

Harmonies

Analogous

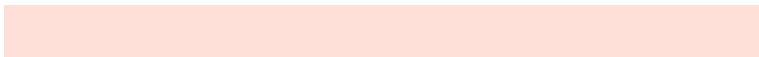
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2297, 79.5814, 92.3966



81.4928, 79.5814, 83.7387



80.1561, 79.5814, 76.3624

Triad

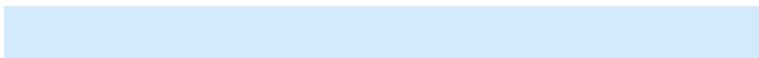
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4928, 79.5814, 83.7387



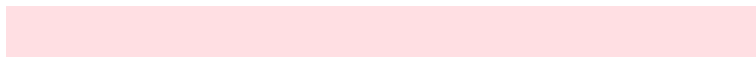
71.9565, 79.5814, 74.5743



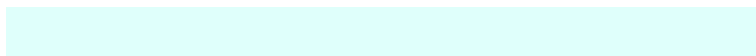
73.6931, 79.5814, 103.2397

Complementary

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



81.4928, 79.5814, 83.7387



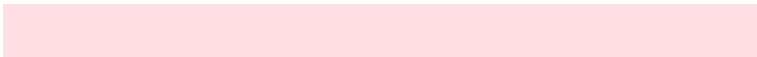
83.6066, 94.1743, 105.0414

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.



71.2963, 79.5814, 97.8238



81.4928, 79.5814, 83.7387



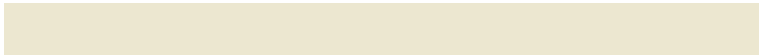
70.3123, 79.5814, 81.1479

Square

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



81.4928, 79.5814, 83.7387



74.6160, 79.5814, 71.3091



70.0739, 79.5814, 89.6293



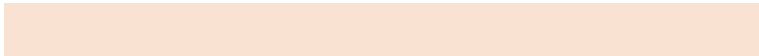
76.6728, 79.5814, 104.0483

Rectangle

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



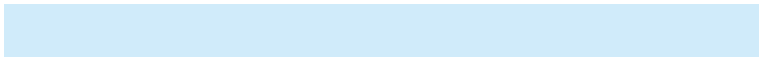
81.4928, 79.5814, 83.7387



78.5579, 79.5814, 73.0189



70.0739, 79.5814, 89.6293



72.7947, 79.5814, 101.8814

Sweetspot

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



81.4946, 79.5847, 83.7404



90.4778, 93.1022, 100.4500



84.1272, 80.4585, 105.7038



19.1876, 19.6588, 21.1700



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

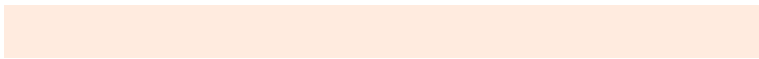
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4946, 79.5847, 83.7404



79.1099, 76.0055, 79.2762



84.1932, 85.8543, 81.9504



18.1017, 18.0240, 19.1525



21.7125, 11.1743, 1.8703



2.1417, 1.0991, 0.3279

Inverse Universe

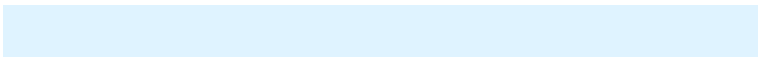
The Inverse Universe completely reimagines the original color for something new.



81.4946, 79.5847, 83.7404



79.1099, 76.0055, 79.2762



80.6144, 87.1712, 107.1846



18.1017, 18.0240, 19.1525



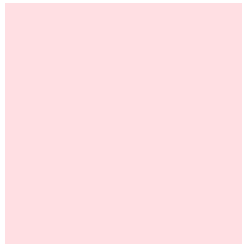
21.7125, 11.1743, 1.8703



2.1417, 1.0991, 0.3279

Previews

White Background



This preview shows how the XYZ color 81.4928, 79.5814, 83.7387 looks on a white background.

Color Contrast Check

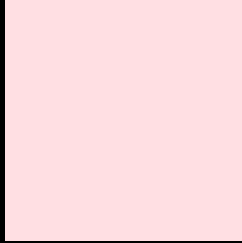
Large Text (above 18pt) WCAG AA × Fail

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 81.4928, 79.5814, 83.7387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

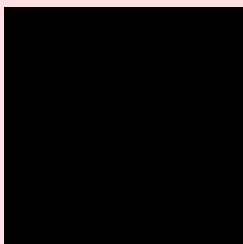
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4928, 79.5814, 83.7387

Background



This preview shows how black text looks on a background with the XYZ color 81.4928, 79.5814, 83.7387.



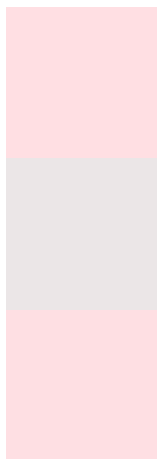
This preview shows how white text looks on a background with the XYZ color 81.4928, 79.5814,

83.7387.

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

81.4928, 79.5814, 83.7387

Protanopia

76.9816, 80.0253, 86.9904

Deuteranopia

81.1259, 79.3922, 83.7215



Tritanopia

82.7939, 79.6756, 91.9041

Trichromacy



Original Color

81.4928, 79.5814, 83.7387

Protanomaly

78.3700, 79.5286, 86.0829

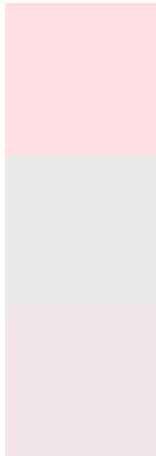
Deuteranomaly

81.1259, 79.3922, 83.7215

Tritanomaly

82.2126, 79.4431, 88.8429

Monochromacy



Original Color

81.4928, 79.5814, 83.7387

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 81.4928, 79.5814, 83.7387 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, 223, 227) looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 227)  
}
```

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, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 227) }
```

Border

The CSS property to change the border of an element to XYZ 81.4928, 79.5814, 83.7387 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, 223, 227) }
```


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

```
.border{ border-color:rgb(255, 223, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4928, 79.5814, 83.7387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 227) }
```

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

```
.background{ background-color: rgb(255,  
223, 227) }
```

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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