

Converting Colors

XYZ(81.3146, 79.5912, 83.0624)

Have a look what the booklet for
XYZ(81.3146, 79.5912, 83.0624)
contains.

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Color

**XYZ(81.3551, 79.5263,
83.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFE2
RGB	255, 223, 226
RGB Percent	100%, 87%, 89%
CMY	0.0000, 0.1255, 0.1137
CMYK	0.00, 0.13, 0.11, 0.00
HSL	354°, 100%, 94%
HSV	354°, 13%, 100%
XYZ	81.3551, 79.5263, 83.0137
YIQ	232.9100, 18.1090, 7.7170

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 223, 226
Decimal	16768994
CIE _{Lab}	91.47, 11.50, 2.59
CIE _{LCh}	91, 11.783, 12.685
Yxy	79.5263, 0.3336, 0.3261
Android (android.graphics.Color)	4294959074 (0xFFFFDFE2)
YUV	232.9100, -3.4066, 19.3729
Hunter-Lab	89.1775, 6.7818, 7.2323

Details

The XYZ color **81.3551, 79.5263, 83.0137** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.7647, 94.2375, 105.8740**, and the grayscale version is **77.4013, 81.4322, 88.6797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6420, 42.9513, 44.4656** is the 20% darker color. If you saturate the color by 10%, you get **72.0876, 65.7292, 65.3181**, and if you desaturate by 10%, it is **92.0799, 95.5531, 103.3063**.

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 81.3551, 79.5263, 83.0137 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 81.3551, 79.5263, 83.0137 by changing the saturation by 10% instead.


 81.3551, 79.5263,
83.0137

 81.3551, 79.5263,
83.0137


488.1552,
493.3350, 525.0044

 61.1464, 59.3286,
61.6608


134.2098,
132.6995, 139.4441

 44.5963, 42.8777,
44.3246


167.5865,
166.4439, 175.3586

 31.3395, 29.7892,
30.5867


206.0833,
205.4726, 216.9640

 21.0106, 19.6786,
20.0285

250.0654,
250.1700, 264.6790

 13.2443, 12.1617,
12.2315

299.8984,
300.9206, 318.9219

 7.6751, 6.8539,
6.7771

355.9474,

 3.9378, 3.3709,

358.1086, 380.1115

3.2468

418.5779,
422.1187, 448.6661

■ 1.6670, 1.3283,
1.2220

■ 0.4355, 0.1629,
0.0000

■ 81.3551, 79.5263,
83.0137

■ 81.3551, 79.5263,
83.0137

■ 72.0876, 65.7292,
65.3181

■ 92.0799, 95.5531,
103.3063

■ 64.2091, 54.0535,
50.1099

95.0500, 100.0000,
108.9000

■ 57.6542, 44.3970,
37.2788

■ 52.3499, 36.6449,
26.7046

■ 48.2164, 30.6713,
18.2563

■ 45.1642, 26.3345,
11.7895

■ 43.0912, 23.4719,
7.1418

■ 41.8750, 21.8868,
4.1246

■ 41.4036, 21.3254,
2.7913

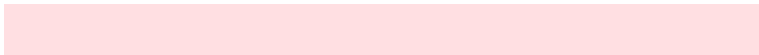
Harmonies

Analogous

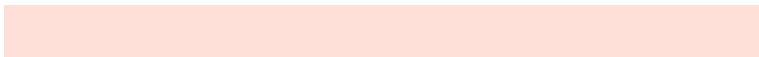
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.2285, 79.5263, 91.6005



81.3551, 79.5263, 83.0137



79.9069, 79.5263, 75.8675

Triad

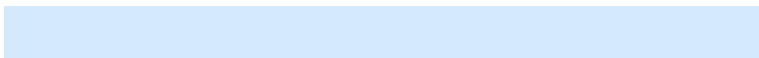
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3551, 79.5263, 83.0137



71.7441, 79.5263, 75.0069



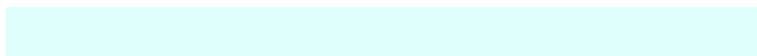
73.8837, 79.5263, 103.3371

Complementary

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



81.3551, 79.5263, 83.0137



83.7647, 94.2375, 105.8740

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.



71.4263, 79.5263, 98.2793



81.3551, 79.5263, 83.0137



70.2136, 79.5263, 81.7669

Square

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



81.3551, 79.5263, 83.0137



74.3279, 79.5263, 71.4545



70.0989, 79.5263, 90.2688



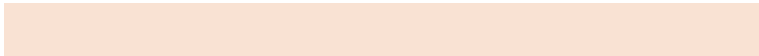
76.8610, 79.5263, 103.7262

Rectangle

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



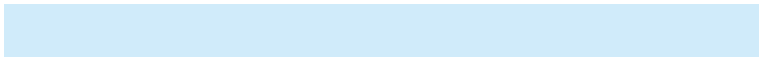
81.3551, 79.5263, 83.0137



78.2651, 79.5263, 72.7277



70.0989, 79.5263, 90.2688



72.9714, 79.5263, 102.1120

Sweetspot

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



81.3570, 79.5296, 83.0154



90.4289, 93.0826, 100.1924



84.5120, 80.6568, 105.7218



19.1753, 19.6539, 21.1051



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

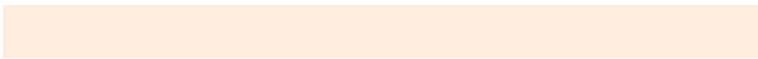
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3570, 79.5296, 83.0154



78.9507, 75.9418, 78.4374



84.4990, 86.4659, 82.0523



18.0784, 18.0147, 19.0302



21.6572, 11.1522, 1.5794



2.1308, 1.0947, 0.2704

Inverse Universe

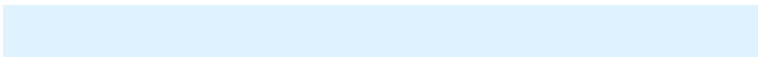
The Inverse Universe completely reimagines the original color for something new.



81.3570, 79.5296, 83.0154



78.9507, 75.9418, 78.4374



80.2957, 86.5338, 107.0784



18.0784, 18.0147, 19.0302



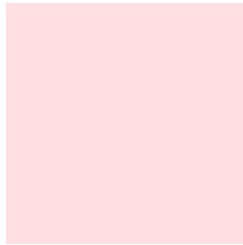
21.6572, 11.1522, 1.5794



2.1308, 1.0947, 0.2704

Previews

White Background



This preview shows how the XYZ color 81.3551, 79.5263, 83.0137 looks on a white background.

Color Contrast Check

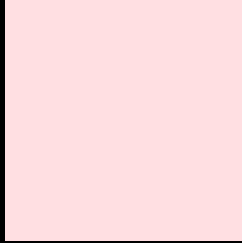
Large Text (above 18pt) WCAG AA × Fail

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 81.3551, 79.5263, 83.0137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

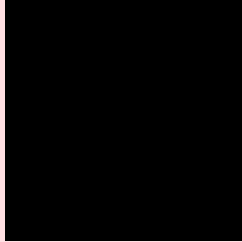
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

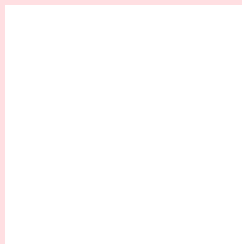
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3551, 79.5263, 83.0137

Background



This preview shows how black text looks on a background with the XYZ color 81.3551, 79.5263, 83.0137.



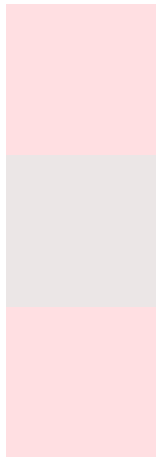
This preview shows how white text looks on a background with the XYZ color 81.3551, 79.5263,

83.0137.

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

81.3551, 79.5263, 83.0137

Protanopia

76.8407, 79.9690, 86.2485

Deuteranopia

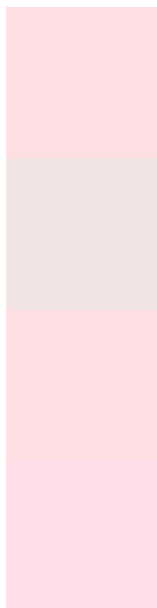
81.3551, 79.5263, 83.0137



Tritanopia

82.7939, 79.6756, 91.9041

Trichromacy



Original Color

81.3551, 79.5263, 83.0137

Protanomaly

78.2299, 79.4726, 85.3453

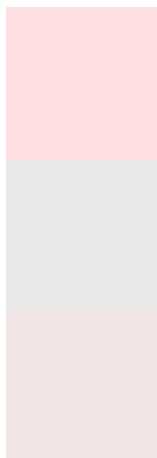
Deuteranomaly

81.3551, 79.5263, 83.0137

Tritanomaly

82.2126, 79.4431, 88.8429

Monochromacy



Original Color

81.3551, 79.5263, 83.0137

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.5779, 80.4526, 86.2503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3551, 79.5263, 83.0137 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 226) }
```

Border

The CSS property to change the border of an element to XYZ 81.3551, 79.5263, 83.0137 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, 226) }
```


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

```
.border{ border-color:rgb(255, 223, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 223, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 223, 226); box-shadow:4px 4px 4px 4px rgb(255, 223, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3551, 79.5263, 83.0137 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
223, 226) }
```

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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