

Converting Colors

XYZ(81.5314, 81.0761, 89.9493)

Have a look what the booklet for
XYZ(81.5314, 81.0761, 89.9493)
contains.

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Color

**XYZ(81.5314, 81.0761,
89.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E3EB
RGB	249, 227, 235
RGB Percent	98%, 89%, 92%
CMY	0.0235, 0.1098, 0.0784
CMYK	0.00, 0.09, 0.06, 0.02
HSL	338°, 65%, 93%
HSV	338°, 9%, 98%
XYZ	81.5314, 81.0761, 89.9493
YIQ	234.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

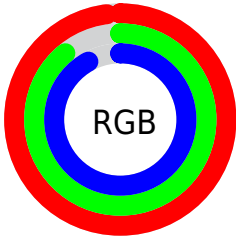
Format	Color
R _Y B	249, 227, 235
Decimal	16376811
CIE Lab	92.17, 8.85, -1.17
CIE LCh	92, 8.925, 352.470
Yxy	81.0761, 0.3228, 0.3210
Android (android.graphics.Color)	4294566891 (0xFFFF9E3EB)
YUV	234.4900, 0.2514, 12.7253
Hunter-Lab	90.0423, 4.0541, 3.8008

Details

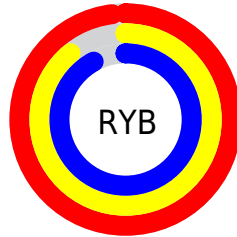
The XYZ color **81.5314, 81.0761, 89.9493** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4345, 90.4352, 96.3873**, and the grayscale version is **78.5726, 82.6645, 90.0216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6274, 43.9662, 48.7820** is the 20% darker color. If you saturate the color by 10%, you get **73.0191, 67.5532, 76.3139**, and if you desaturate by 10%, it is **91.2373, 96.6574, 104.9910**.

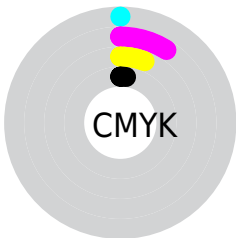
Distribution



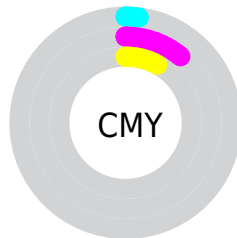
- Red (98%)
- Green (89%)
- Blue (92%)



- Red (98%)
- Yellow (89%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5314, 81.0761, 89.9493 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 81.5314, 81.0761, 89.9493 by changing the saturation by 10% instead.

 81.5314, 81.0761,
89.9493

 81.5314, 81.0761,
89.9493


488.7372,
498.5520, 548.4318

 61.2921, 60.6043,
67.3651


134.4559,
134.8776, 149.2029

 44.7144, 43.9059,
48.9179


167.8719,
168.9761, 186.7093

 31.4329, 30.5965,
34.1892


206.4108,
208.3856, 230.0270

 21.0821, 20.2918,
22.7605

250.4381,
253.4905, 279.5743

 13.2968, 12.6073,
14.2131

300.3190,
304.6752, 335.7700

 7.7117, 7.1587,
8.1286

356.4189,

 3.9613, 3.5616,

362.3241, 399.0324

4.0884

419.1032,
426.8215, 469.7801

■ 1.6802, 1.4315,
1.6740

■ 0.4439, 0.2397,
0.3428

■ 81.5314, 81.0761,
89.9493

■ 81.5314, 81.0761,
89.9493

■ 73.0191, 67.5532,
76.3139

■ 91.2373, 96.6574,
104.9910

■ 65.6460, 55.9919,
64.0378

■ 92.8774, 98.8800,
108.7983

■ 59.3638, 46.3032,
53.0784

■ 54.1179, 38.3871,
43.3892

■ 49.8489, 32.1345,
34.9205

■ 46.4908, 27.4236,
27.6189

■ 43.9690, 24.1161,
21.4264

■ 42.1961, 22.0485,
16.2785

■ 41.0466, 20.9821,
12.0953

Harmonies

Analogous

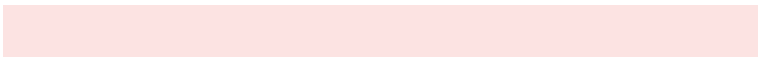
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6234, 81.0761, 96.2260



81.5314, 81.0761, 89.9493



81.2226, 81.0761, 83.5221

Triad

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



81.5314, 81.0761, 89.9493



75.3813, 81.0761, 77.0767



74.3959, 81.0761, 98.7153

Complementary

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



81.5314, 81.0761, 89.9493



81.4345, 90.4352, 96.3873

Split Complementary

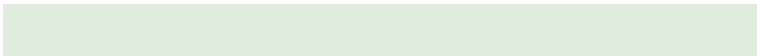
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0429, 81.0761, 93.2113



81.5314, 81.0761, 89.9493



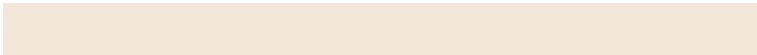
73.6039, 81.0761, 80.7804

Square

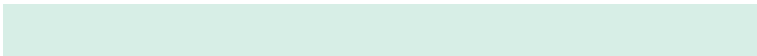
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



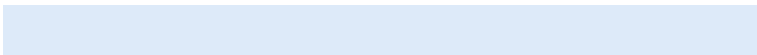
81.5314, 81.0761, 89.9493



77.6418, 81.0761, 76.3001



72.7559, 81.0761, 86.6277



76.4820, 81.0761, 101.4483

Rectangle

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



81.5314, 81.0761, 89.9493



80.3710, 81.0761, 79.9941



72.7559, 81.0761, 86.6277



73.8420, 81.0761, 97.1151

Sweetspot

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



81.5337, 81.0796, 89.9510



91.8838, 94.9061, 104.0260



80.8237, 80.4706, 100.8961



19.4900, 20.0297, 21.9920



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

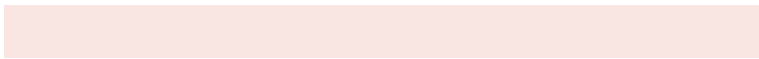
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5337, 81.0796, 89.9510



84.0029, 82.2938, 91.6899



81.2131, 82.2458, 84.2720



17.5054, 17.3295, 19.2510



21.9735, 11.2051, 6.5691



2.0840, 1.0573, 0.8658

Inverse Universe

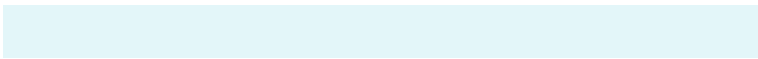
The Inverse Universe completely reimagines the original color for something new.



81.5337, 81.0796, 89.9510



84.0029, 82.2938, 91.6899



81.7561, 89.1247, 102.5174



17.5054, 17.3295, 19.2510



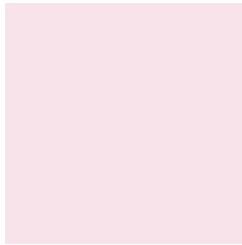
21.9735, 11.2051, 6.5691



2.0840, 1.0573, 0.8658

Previews

White Background



This preview shows how the XYZ color 81.5314, 81.0761, 89.9493 looks on a white background.

Color Contrast Check

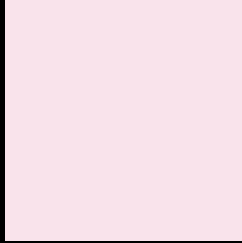
Large Text (above 18pt) WCAG AA × Fail

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 81.5314, 81.0761, 89.9493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

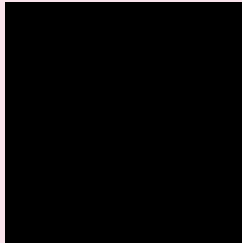
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.5314, 81.0761, 89.9493

Background



This preview shows how black text looks on a background with the XYZ color 81.5314, 81.0761, 89.9493.



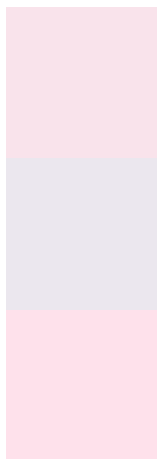
This preview shows how white text looks on a background with the XYZ color 81.5314, 81.0761,

89.9493.

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

81.5314, 81.0761, 89.9493

Protanopia

78.2695, 80.9870, 92.3957

Deuteranopia

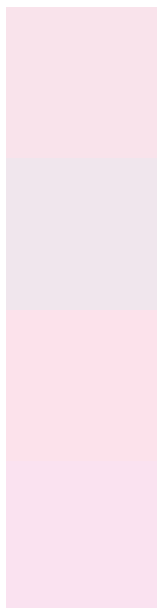
82.7937, 80.9194, 89.8526



Tritanopia

82.7984, 81.1878, 96.1009

Trichromacy



Original Color

81.5314, 81.0761, 89.9493

Protanomaly

79.5181, 81.2333, 91.6093

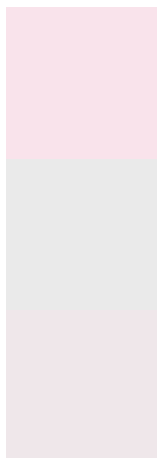
Deuteranomaly

82.3366, 81.0863, 89.9089

Tritanomaly

82.3489, 81.0080, 93.7339

Monochromacy



Original Color

81.5314, 81.0761, 89.9493

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.0238, 81.4431, 89.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5314, 81.0761, 89.9493 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(249, 227, 235) looks like.

```
.text, #text, p{  
    color:rgb(249, 227, 235)  
}
```

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(249, 227, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 227, 235) }
```

Border

The CSS property to change the border of an element to XYZ 81.5314, 81.0761, 89.9493 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(249, 227, 235) }
```


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

```
.border{ border-color:rgb(249, 227, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 227, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 227, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 227, 235);  
box-shadow:4px 4px 4px 4px rgb(249, 227,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5314, 81.0761, 89.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 227, 235) }
```

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

```
.background{ background-color: rgb(249,  
227, 235) }
```

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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