

Converting Colors

XYZ(81.5173, 80.2269, 90.9126)

Have a look what the booklet for
XYZ(81.5173, 80.2269, 90.9126)
contains.

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Color

**XYZ(81.4899, 80.2305,
90.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE1EC
RGB	250, 225, 236
RGB Percent	98%, 88%, 93%
CMY	0.0196, 0.1176, 0.0745
CMYK	0.00, 0.10, 0.06, 0.02
HSL	334°, 71%, 93%
HSV	334°, 10%, 98%
XYZ	81.4899, 80.2305, 90.5479
YIQ	233.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

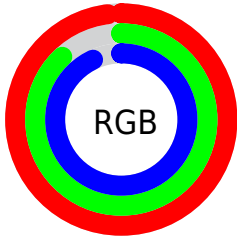
Format	Color
R _Y B	250, 225, 236
Decimal	16441836
CIE Lab	91.79, 10.39, -2.24
CIE LCh	92, 10.631, 347.862
Yxy	80.2305, 0.3230, 0.3180
Android (android.graphics.Color)	4294631916 (0xFFFAE1EC)
YUV	233.7290, 1.1196, 14.2697
Hunter-Lab	89.5715, 5.6448, 2.7637

Details

The XYZ color **81.4899, 80.2305, 90.5479** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.8200, 90.6130, 94.8962**, and the grayscale version is **77.9895, 82.0511, 89.3536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6053, 43.3822, 49.2027** is the 20% darker color. If you saturate the color by 10%, you get **73.2651, 66.9093, 78.1598**, and if you desaturate by 10%, it is **90.8683, 95.6015, 104.1094**.

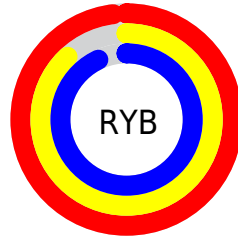
Distribution



Red (98%)

Green (88%)

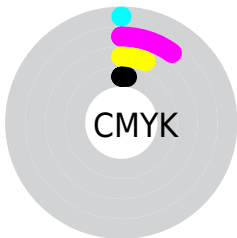
Blue (93%)



Red (98%)

Yellow (88%)

Blue (93%)

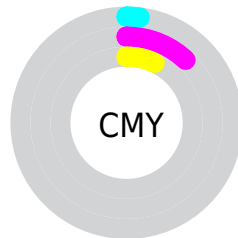


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4899, 80.2305, 90.5479 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 81.4899, 80.2305, 90.5479 by changing the saturation by 10% instead.


 81.4899, 80.2305,
90.5479

 81.4899, 80.2305,
90.5479

488.6002,
495.7093, 550.4276

 61.2578, 59.9080,
67.8589


134.3980,
133.6898, 150.0414

 44.6866, 43.3445,
49.3170


167.8047,
167.5953, 187.6829

 31.4109, 30.1555,
34.5036


206.3337,
206.7974, 231.1457

 21.0653, 19.9567,
23.0003

250.3504,
251.6804, 280.8483

 13.2845, 12.3635,
14.3884

300.2200,
302.6287, 337.2093

 7.7031, 6.9918,
8.2495

356.3079,

 3.9557, 3.4570,

360.0267, 400.6471

4.1649

418.9796,
424.2588, 471.5804

■ 1.6771, 1.3747,
1.7163

■ 0.4419, 0.1980,
0.3718

■ 81.4899, 80.2305,
90.5479

■ 81.4899, 80.2305,
90.5479

■ 73.2651, 66.9093,
78.1598

■ 90.8683, 95.6015,
104.1094

■ 66.1407, 55.5402,
66.9066

■ 93.2349, 99.0643,
108.8151

■ 60.0690, 46.0334,
56.7548

■ 54.9965, 38.2877,
47.6672

■ 50.8645, 32.1923,
39.6040

■ 47.6077, 27.6236,
32.5227

■ 45.1520, 24.4404,
26.3764

■ 43.4095, 22.4745,
21.1128

■ 42.2383, 21.4497,
16.6599

Harmonies

Analogous

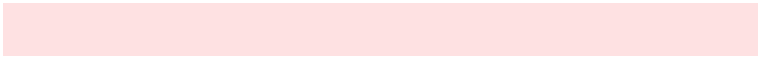
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2048, 80.2305, 97.8071



81.4899, 80.2305, 90.5479



81.3486, 80.2305, 82.8391

Triad

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



81.4899, 80.2305, 90.5479



74.6623, 80.2305, 73.8505



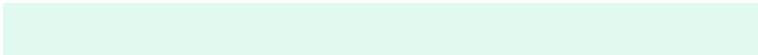
72.7981, 80.2305, 98.9529

Complementary

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



81.4899, 80.2305, 90.5479



80.8200, 90.6130, 94.8962

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.



71.3818, 80.2305, 92.0370



81.4899, 80.2305, 90.5479



72.4403, 80.2305, 77.6798

Square

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



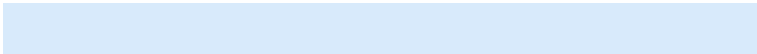
81.4899, 80.2305, 90.5479



77.3627, 80.2305, 73.5046



71.2525, 80.2305, 84.2427



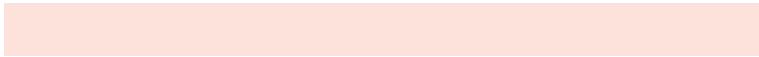
75.1612, 80.2305, 102.8496

Rectangle

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



81.4899, 80.2305, 90.5479



80.4647, 80.2305, 78.4750



71.2525, 80.2305, 84.2427



72.1980, 80.2305, 96.8859

Sweetspot

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



81.4922, 80.2340, 90.5496



91.9756, 94.9429, 104.5098



79.6957, 79.0636, 101.5041



19.5147, 20.0396, 22.1223



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

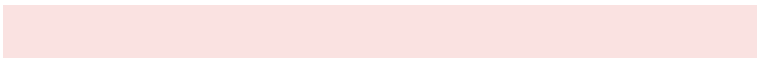
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.4922, 80.2340, 90.5496



83.4155, 80.9515, 92.0107



80.2822, 80.2926, 82.5050



17.5618, 17.3521, 19.5481



22.4736, 11.4052, 9.2026



2.1337, 1.0772, 1.1277

Inverse Universe

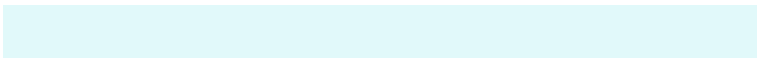
The Inverse Universe completely reimagines the original color for something new.



81.4922, 80.2340, 90.5496



83.4155, 80.9515, 92.0107



82.1077, 90.5087, 103.5861



17.5618, 17.3521, 19.5481



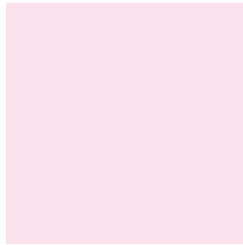
22.4736, 11.4052, 9.2026



2.1337, 1.0772, 1.1277

Previews

White Background



This preview shows how the XYZ color 81.4899, 80.2305, 90.5479 looks on a white background.

Color Contrast Check

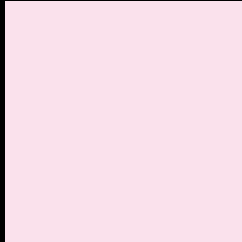
Large Text (above 18pt) WCAG AA × Fail

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 81.4899, 80.2305, 90.5479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

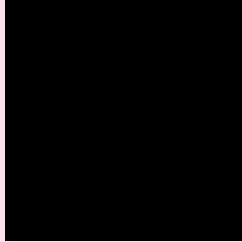
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4899, 80.2305, 90.5479

Background



This preview shows how black text looks on a background with the XYZ color 81.4899, 80.2305, 90.5479.



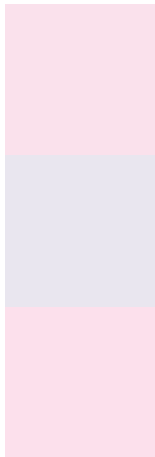
This preview shows how white text looks on a background with the XYZ color 81.4899, 80.2305,

90.5479.

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

81.4899, 80.2305, 90.5479

Protanopia

77.4811, 80.1493, 93.0480

Deuteranopia

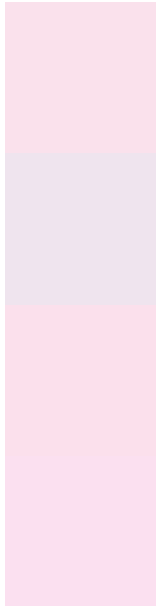
81.9409, 80.0629, 90.4918



Tritanopia

82.4663, 80.2313, 95.1442

Trichromacy



Original Color

81.4899, 80.2305, 90.5479

Protanomaly

78.7726, 80.0106, 92.1807

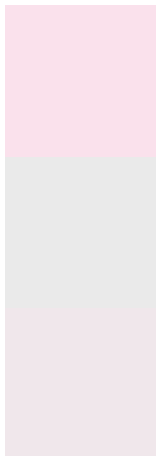
Deuteranomaly

81.5796, 79.8767, 90.4749

Tritanomaly

82.1675, 80.1118, 93.5705

Monochromacy



Original Color

81.4899, 80.2305, 90.5479

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.5065, 81.6753, 90.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4899, 80.2305, 90.5479 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(250, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 236)  
}
```

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(250, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 236) }
```

Border

The CSS property to change the border of an element to XYZ 81.4899, 80.2305, 90.5479 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(250, 225, 236) }
```


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

```
.border{ border-color:rgb(250, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4899, 80.2305, 90.5479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 236) }
```

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

```
.background{ background-color: rgb(250,  
225, 236) }
```

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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