

Converting Colors

XYZ(79.4562, 78.6285, 80.8630)

Have a look what the booklet for
XYZ(79.4562, 78.6285, 80.8630)
contains.

XYZ(79.4906, 78.6123, 80.7961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.4906, 78.6123,
80.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDFDF
RGB	251, 223, 223
RGB Percent	98%, 87%, 87%
CMY	0.0157, 0.1255, 0.1255
CMYK	0.00, 0.11, 0.11, 0.02
HSL	0°, 78%, 93%
HSV	0°, 11%, 98%
XYZ	79.4906, 78.6123, 80.7961
YIQ	231.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

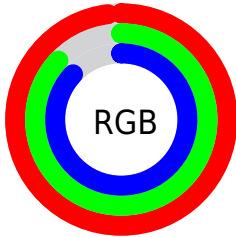
Format	Color
R _{YB}	251, 223, 223
Decimal	16506847
CIE Lab	91.06, 9.62, 3.52
CIE LCh	91, 10.244, 20.076
Yxy	78.6123, 0.3327, 0.3291
Android (android.graphics.Color)	4294696927 (0xFFFBDFDF)
YUV	231.3720, -4.1274, 17.2138
Hunter-Lab	88.6636, 4.8714, 8.0355

Details

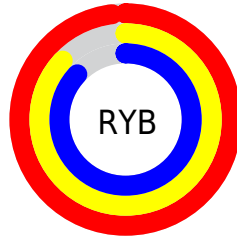
The XYZ color **79.4906, 78.6123, 80.7961** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.3407, 91.6455, 104.6171**, and the grayscale version is **76.2556, 80.2269, 87.3671**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3186, 42.3018, 42.9277** is the 20% darker color. If you saturate the color by 10%, you get **70.1392, 64.9291, 62.2023**, and if you desaturate by 10%, it is **90.3419, 94.4906, 102.3666**.

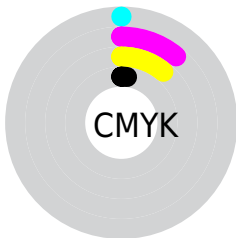
Distribution



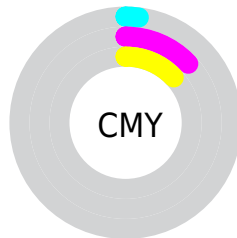
- Red (98%)
- Green (87%)
- Blue (87%)



- Red (98%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4906, 78.6123, 80.7961 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 79.4906, 78.6123, 80.7961 by changing the saturation by 10% instead.


 79.4906, 78.6123,
80.7961

 79.4906, 78.6123,
80.7961


481.9772,
490.2438, 517.3891

 59.6063, 58.5771,
59.8437


131.6036,
131.4129, 136.3059

 43.3496, 42.2728,
42.8682


164.5630,
164.9471, 171.7004

 30.3552, 29.3149,
29.4511


202.6114,
203.7498, 212.7459

 20.2578, 19.3192,
19.1738

246.1143,
248.2053, 259.8611

 12.6919, 11.9012,
11.6178

295.4370,
298.6981, 313.4645

 7.2923, 6.6764,
6.3647

350.9448,

 3.6935, 3.2606,

355.6125, 373.9746

2.9957

413.0031,
419.3329, 441.8099

■ 1.5302, 1.2692,
1.0924

■ 0.3463, 0.1172,
0.0000

■ 79.4906, 78.6123,
80.7961

■ 79.4906, 78.6123,
80.7961

■ 70.1392, 64.9291,
62.2023

■ 90.3419, 94.4906,
102.3666

■ 62.2155, 53.3347,
46.4500

■ 93.5940, 99.2494,
108.8319

■ 55.6514, 43.7295,
33.4006

■ 50.3704, 36.0017,
22.9025

■ 46.2886, 30.0287,
14.7886

■ 43.3121, 25.6730,
8.8723

■ 41.3331, 22.7769,
4.9391

■ 40.2222, 21.1511,
2.7319

■ 39.7844, 20.5103,
1.8620

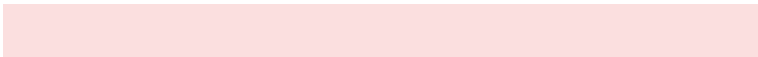
Harmonies

Analogous

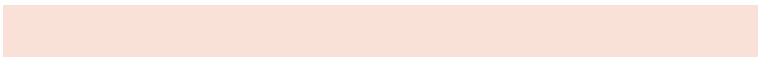
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7283, 78.6123, 88.0752



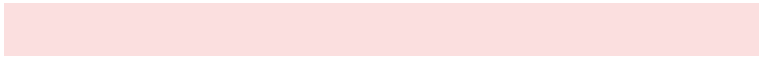
79.4906, 78.6123, 80.7961



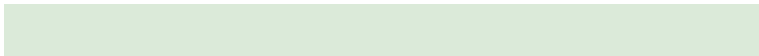
77.9579, 78.6123, 75.1247

Triad

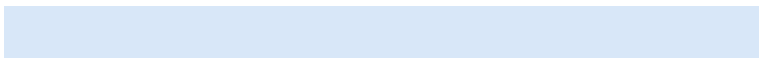
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4906, 78.6123, 80.7961



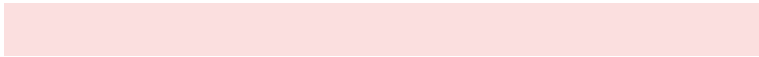
70.9670, 78.6123, 76.7711



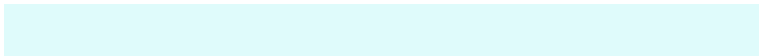
73.8643, 78.6123, 100.4150

Complementary

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



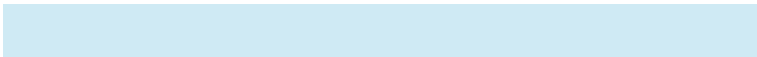
79.4906, 78.6123, 80.7961



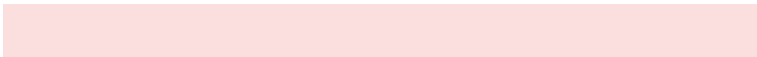
82.3407, 91.6455, 104.6171

Split Complementary

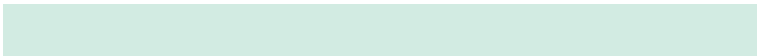
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.5703, 78.6123, 96.9965



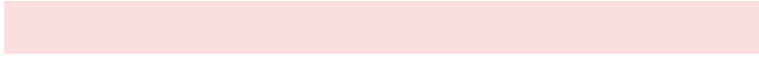
79.4906, 78.6123, 80.7961



69.9233, 78.6123, 83.1626

Square

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



79.4906, 78.6123, 80.7961



73.0235, 78.6123, 72.8955



70.1416, 78.6123, 90.5811



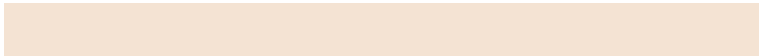
76.4398, 78.6123, 99.6908

Rectangle

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



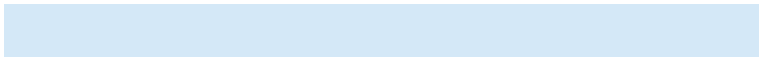
79.4906, 78.6123, 80.7961



76.4273, 78.6123, 72.8840



70.1416, 78.6123, 90.5811



73.0356, 78.6123, 99.7051

Sweetspot

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



79.4928, 78.6158, 80.7978



91.4509, 94.7336, 101.7446



83.5848, 80.2507, 102.3521



19.3736, 19.9833, 21.3786



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

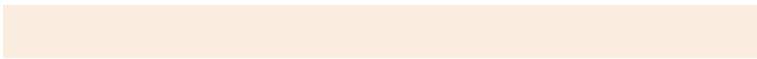
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4928, 78.6158, 80.7978



80.4876, 78.6916, 79.9487



83.3881, 86.4063, 82.0962



17.2449, 17.2257, 17.8784



20.9122, 10.7811, 0.9788



1.9369, 0.9987, 0.0907

Inverse Universe

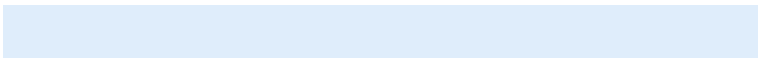
The Inverse Universe completely reimagines the original color for something new.



82.3407, 91.6455, 104.6171



83.8866, 94.2425, 108.3771



78.1292, 83.2224, 103.2133



17.7656, 19.6081, 22.2337



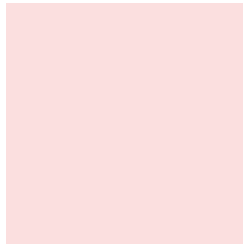
27.2794, 39.9144, 54.2400



2.5266, 3.6969, 5.0236

Previews

White Background



This preview shows how the XYZ color 79.4906, 78.6123, 80.7961 looks on a white background.

Color Contrast Check

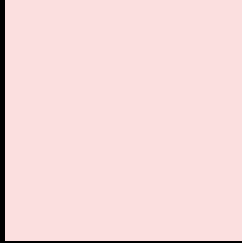
Large Text (above 18pt) WCAG AA × Fail

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 79.4906, 78.6123, 80.7961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

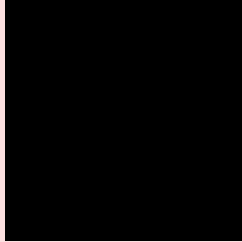
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4906, 78.6123, 80.7961

Background



This preview shows how black text looks on a background with the XYZ color 79.4906, 78.6123, 80.7961.



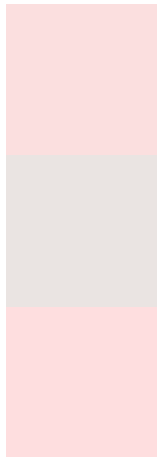
This preview shows how white text looks on a background with the XYZ color 79.4906, 78.6123,

80.7961.

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

79.4906, 78.6123, 80.7961

Protanopia

75.4026, 78.4702, 83.1236

Deuteranopia

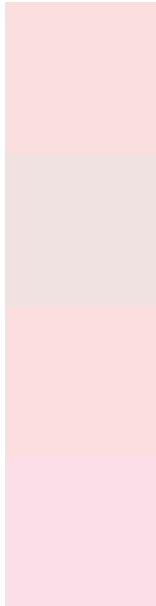
80.3136, 78.6411, 80.7583



Tritanopia

81.7971, 78.7686, 91.7816

Trichromacy



Original Color

79.4906, 78.6123, 80.7961

Protanomaly

76.7221, 78.3542, 82.3143

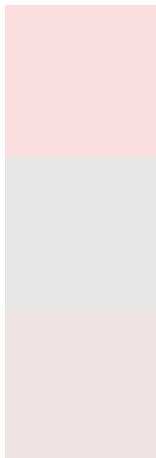
Deuteranomaly

79.9486, 78.4529, 80.7412

Tritanomaly

80.9741, 78.8212, 88.0370

Monochromacy



Original Color

79.4906, 78.6123, 80.7961

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

77.0069, 79.2654, 84.6398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4906, 78.6123, 80.7961 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(251, 223, 223) looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 223)  
}
```

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(251, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 79.4906, 78.6123, 80.7961 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(251, 223, 223) }
```


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

```
.border{ border-color:rgb(251, 223, 223) }
```

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

Here you see how a box with a 4 pixel rgb(251, 223, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4906, 78.6123, 80.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 223) }
```

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

```
.background{ background-color: rgb(251,  
223, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor