

Converting Colors

XYZ(100.9609, 88.4697,
99.1382)

Have a look what the booklet for
XYZ(100.9609, 88.4697, 99.1382)
contains.

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Color

**XYZ(83.7310, 79.6267,
98.1452)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDF6
RGB	255, 221, 246
RGB Percent	100%, 87%, 96%
CMY	0.0000, 0.1333, 0.0353
CMYK	0.00, 0.13, 0.04, 0.00
HSL	316°, 100%, 93%
HSV	316°, 13%, 100%
XYZ	83.7310, 79.6267, 98.1452
YIQ	234.0160, 12.2390, 14.9830

Conversions

Conversions Part 2

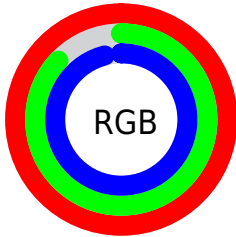
Format	Color
R _Y B	255, 221, 246
Decimal	16768502
CIE Lab	91.52, 15.88, -7.82
CIE LCh	92, 17.700, 333.772
Yxy	79.6267, 0.3202, 0.3045
Android (android.graphics.Color)	4294958582 (0xFFFFDDF6)
YUV	234.0160, 5.9081, 18.4030
Hunter-Lab	89.2338, 11.3333, -2.7474

Details

The XYZ color **83.7310, 79.6267, 98.1452** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.8641, 92.6065, 88.5317**, and the grayscale version is **78.1707, 82.2416, 89.5612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2192, 42.9959, 54.5782** is the 20% darker color. If you saturate the color by 10%, you get **76.4858, 66.7642, 90.7118**, and if you desaturate by 10%, it is **92.0399, 94.5557, 106.1212**.

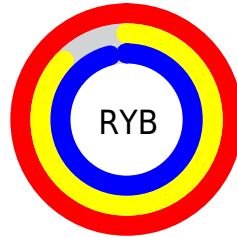
Distribution



Red (100%)

Green (87%)

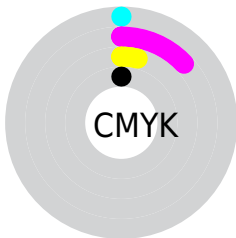
Blue (96%)



Red (100%)

Yellow (87%)

Blue (96%)

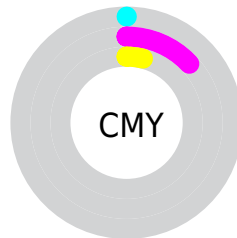


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7310, 79.6267, 98.1452 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 83.7310, 79.6267, 98.1452 by changing the saturation by 10% instead.


 83.7310, 79.6267,
98.1452

 83.7310, 79.6267,
98.1452


495.9667,
493.6739, 575.4253

 63.1123, 59.4112,
74.1442


137.5220,
132.8408, 160.6355

 46.1911, 42.9442,
54.4146

171.4251,
166.6081, 199.9619

 32.6019, 29.8414,
38.5378


210.4870,
205.6616, 245.2338

 21.9794, 19.7182,
26.0953

255.0731,
250.3855, 296.8698

 13.9583, 12.1904,
16.6685

305.5488,
301.1643, 355.2884

 8.1732, 6.8735,
9.8390

362.2794,

 4.2587, 3.3831,

358.3824, 420.9081

5.1881

425.6302,
422.4241, 494.1476

■ 1.8495, 1.3349,
2.2974

■ 0.5472, 0.1680,
0.7298

■ 83.7310, 79.6267,
98.1452

■ 83.7310, 79.6267,
98.1452

■ 76.4858, 66.7642,
90.7118

■ 92.0399, 94.5557,
106.1212

■ 70.2527, 55.8664,
83.7984

95.0500, 100.0000,
108.9000

■ 64.9834, 46.8374,
77.3883

■ 60.6239, 39.5696,
71.4612

■ 57.1143, 33.9440,
65.9952

■ 54.3875, 29.8270,
60.9660

■ 52.3659, 27.0640,
56.3454

■ 50.9551, 25.4669,
52.0998

■ 50.2632, 24.8693,
49.4457

Harmonies

Analogous

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



80.6062, 79.6267, 109.0257



83.7310, 79.6267, 98.1452



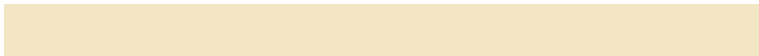
84.6694, 79.6267, 85.0766

Triad

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



83.7310, 79.6267, 98.1452



75.1138, 79.6267, 64.2052



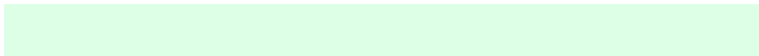
68.7010, 79.6267, 101.2507

Complementary

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



83.7310, 79.6267, 98.1452



79.8641, 92.6065, 88.5317

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.



67.3556, 79.6267, 88.3438



83.7310, 79.6267, 98.1452



70.9641, 79.6267, 67.6512

Square

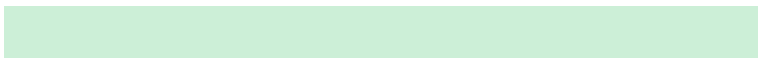
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



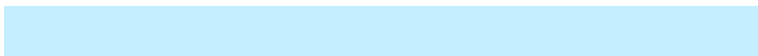
83.7310, 79.6267, 98.1452



79.5802, 79.6267, 66.2760



68.1676, 79.6267, 76.1810



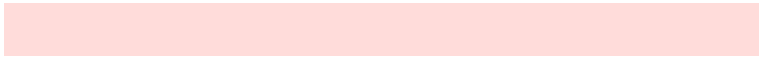
71.9147, 79.6267, 110.9400

Rectangle

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



83.7310, 79.6267, 98.1452



83.8992, 79.6267, 77.0697



68.1676, 79.6267, 76.1810



68.0211, 79.6267, 97.1008

Sweetspot

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



83.7328, 79.6299, 98.1469



91.4502, 93.4912, 105.5706



76.3823, 75.6771, 105.1891



19.4334, 19.7572, 22.4645



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.



83.7328, 79.6299, 98.1469



81.6967, 75.9982, 96.1104



81.3114, 78.6613, 85.3961



18.5753, 18.2134, 21.6468



26.3286, 13.0207, 26.1787



2.6087, 1.2859, 2.7868

Inverse Universe

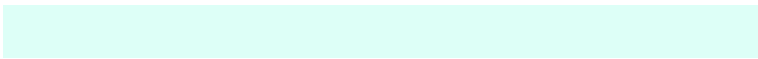
The Inverse Universe completely reimagines the original color for something new.



83.7328, 79.6299, 98.1469



81.6967, 75.9982, 96.1104



82.2922, 93.5777, 101.3179



18.5753, 18.2134, 21.6468



26.3286, 13.0207, 26.1787



2.6087, 1.2859, 2.7868

Previews

White Background



This preview shows how the XYZ color 83.7310, 79.6267, 98.1452 looks on a white background.

Color Contrast Check

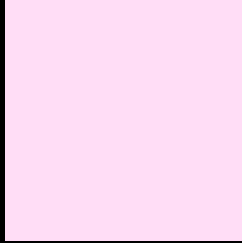
Large Text (above 18pt) WCAG AA × Fail

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 83.7310, 79.6267, 98.1452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

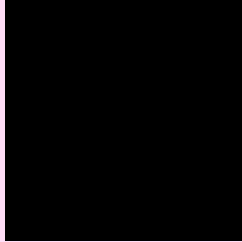
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.7310, 79.6267, 98.1452

Background



This preview shows how black text looks on a background with the XYZ color 83.7310, 79.6267, 98.1452.



This preview shows how white text looks on a background with the XYZ color 83.7310, 79.6267,

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

83.7310, 79.6267, 98.1452

Protanopia

77.7450, 79.6617, 102.5454

Deuteranopia

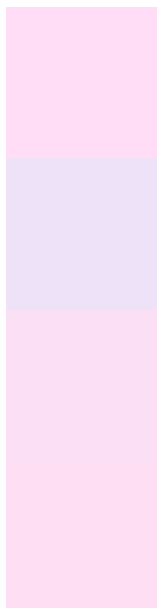
81.4949, 79.6780, 97.4704



Tritanopia

82.5743, 79.5454, 92.6630

Trichromacy



Original Color

83.7310, 79.6267, 98.1452

Protanomaly

79.5551, 79.4094, 100.7571

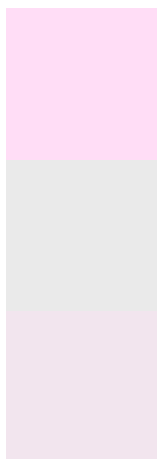
Deuteranomaly

82.2934, 79.6919, 97.4309

Tritanomaly

83.0213, 79.7242, 95.0170

Monochromacy



Original Color

83.7310, 79.6267, 98.1452

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.0699, 81.0889, 92.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7310, 79.6267, 98.1452 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, 221, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 246)  
}
```

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, 221, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 246) }
```

Border

The CSS property to change the border of an element to XYZ 83.7310, 79.6267, 98.1452 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, 221, 246) }
```


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

```
.border{ border-color:rgb(255, 221, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7310, 79.6267, 98.1452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 246) }
```

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

```
.background{ background-color: rgb(255,  
221, 246) }
```

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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