

Converting Colors

XYZ(83.2730, 79.8035, 94.6233)

Have a look what the booklet for
XYZ(83.2730, 79.8035, 94.6233)
contains.

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Color

**XYZ(83.2385, 79.8534,
94.2452)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEF1
RGB	255, 222, 241
RGB Percent	100%, 87%, 95%
CMY	0.0000, 0.1294, 0.0549
CMYK	0.00, 0.13, 0.05, 0.00
HSL	325°, 100%, 94%
HSV	325°, 13%, 100%
XYZ	83.2385, 79.8534, 94.2452
YIQ	234.0330, 13.5690, 12.9050

Conversions

Conversions Part 2

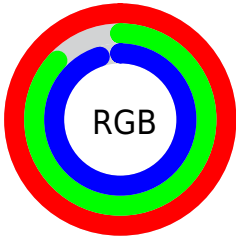
Format	Color
R _Y B	255, 222, 241
Decimal	16768753
CIE Lab	91.62, 14.50, -5.05
CIE LCh	92, 15.352, 340.783
Yxy	79.8534, 0.3235, 0.3103
Android (android.graphics.Color)	4294958833 (0xFFFFDEF1)
YUV	234.0330, 3.4347, 18.3881
Hunter-Lab	89.3607, 9.8894, 0.0217

Details

The XYZ color **83.2385, 79.8534, 94.2452** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0269, 93.1069, 93.0610**, and the grayscale version is **78.2009, 82.2735, 89.5958**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.8644, 43.1460, 51.8096** is the 20% darker color. If you saturate the color by 10%, you get **75.4028, 66.6919, 83.8960**, and if you desaturate by 10%, it is **92.1979, 95.1082, 105.4447**.

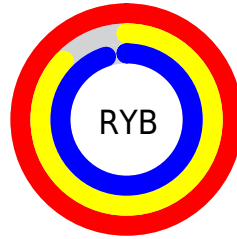
Distribution



Red (100%)

Green (87%)

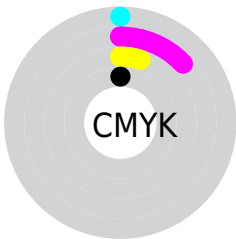
Blue (95%)



Red (100%)

Yellow (87%)

Blue (95%)

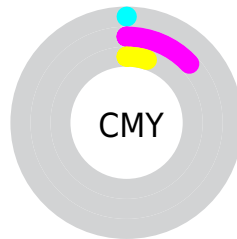


Cyan (0%)

Magenta (13%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.2385, 79.8534, 94.2452 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 83.2385, 79.8534, 94.2452 by changing the saturation by 10% instead.


 83.2385, 79.8534,
94.2452

 83.2385, 79.8534,
94.2452


494.3529,
494.4386, 562.6682

 62.7045, 59.5977,
70.9135


136.8362,
133.1596, 155.2080

 45.8599, 43.0945,
51.7902


170.6307,
166.9789, 193.6762

 32.3395, 29.9592,
36.4568


209.5760,
206.0882, 238.0269

 21.7777, 19.8077,
24.4947

254.0375,
250.8719, 288.6788

 13.8094, 12.2553,
15.4854

304.3806,
301.7144, 346.0503

 8.0690, 6.9178,
9.0104

360.9707,

 4.1913, 3.4107,

359.0001, 410.5600

4.6510

424.1730,
423.1134, 482.6265

■ 1.8109, 1.3497,
1.9889

■ 0.5242, 0.1792,
0.5484

■ 83.2385, 79.8534,
94.2452

■ 83.2385, 79.8534,
94.2452

■ 75.4028, 66.6919,
83.8960

■ 92.1979, 95.1082,
105.4447

■ 68.6381, 55.5217,
74.3682

95.0500, 100.0000,
108.9000

■ 62.8952, 46.2467,
65.6380

■ 58.1186, 38.7589,
57.6784

■ 54.2475, 32.9395,
50.4602

■ 51.2136, 28.6550,
43.9516

■ 48.9384, 25.7512,
38.1169

■ 47.3267, 24.0409,
32.9147

■ 46.4916, 23.3606,
29.5846

Harmonies

Analogous

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



80.9276, 79.8534, 104.3326



83.2385, 79.8534, 94.2452



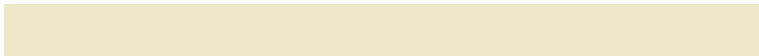
83.5439, 79.8534, 82.9713

Triad

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



83.2385, 79.8534, 94.2452



74.4971, 79.8534, 67.4233



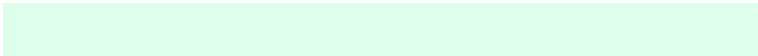
70.3343, 79.8534, 101.8189

Complementary

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



83.2385, 79.8534, 94.2452



81.0269, 93.1069, 93.0610

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.



68.7339, 79.8534, 91.0472



83.2385, 79.8534, 94.2452



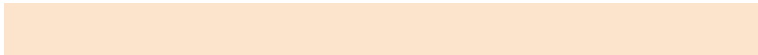
71.0818, 79.8534, 71.6083

Square

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



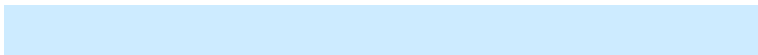
83.2385, 79.8534, 94.2452



78.4056, 79.8534, 68.1190



69.0028, 79.8534, 80.0352



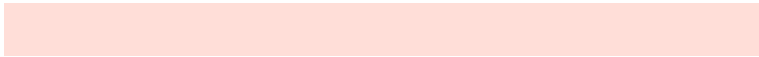
73.4449, 79.8534, 108.9588

Rectangle

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



83.2385, 79.8534, 94.2452



82.5578, 79.8534, 76.3629



69.0028, 79.8534, 80.0352



69.6068, 79.8534, 98.4660

Sweetspot

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



83.2402, 79.8566, 94.2469



91.1929, 93.3883, 104.2156



78.6831, 77.2563, 105.3727



19.3682, 19.7311, 22.1212



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

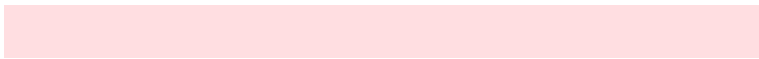
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.2402, 79.8566, 94.2469



80.7243, 75.6093, 90.9895



80.9201, 78.9285, 82.0291



18.4478, 18.1624, 20.9752



24.3691, 12.2369, 15.8602



2.4274, 1.2133, 1.8321

Inverse Universe

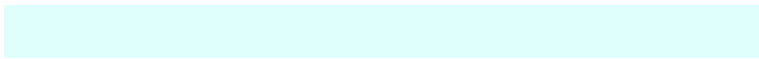
The Inverse Universe completely reimagines the original color for something new.



83.2402, 79.8566, 94.2469



80.7243, 75.6093, 90.9895



83.4964, 94.0947, 106.0651



18.4478, 18.1624, 20.9752



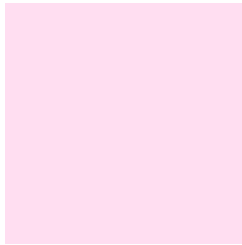
24.3691, 12.2369, 15.8602



2.4274, 1.2133, 1.8321

Previews

White Background



This preview shows how the XYZ color 83.2385, 79.8534, 94.2452 looks on a white background.

Color Contrast Check

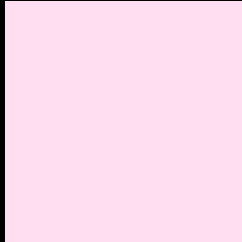
Large Text (above 18pt) WCAG AA × Fail

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 83.2385, 79.8534, 94.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

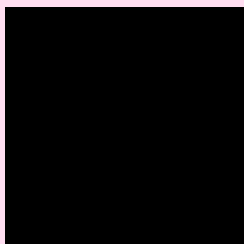
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.2385, 79.8534, 94.2452

Background



This preview shows how black text looks on a background with the XYZ color 83.2385, 79.8534, 94.2452.



This preview shows how white text looks on a background with the XYZ color 83.2385, 79.8534,

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

83.2385, 79.8534, 94.2452

Protanopia

77.8864, 80.2364, 98.5709

Deuteranopia

81.5998, 79.8019, 94.3216



Tritanopia

83.0895, 79.7938, 93.4605

Trichromacy



Original Color

83.2385, 79.8534, 94.2452

Protanomaly

79.7334, 79.9951, 96.8261

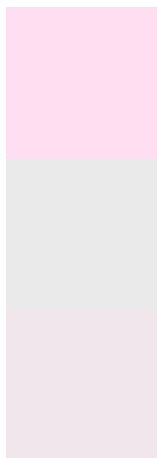
Deuteranomaly

82.0485, 79.6355, 94.2658

Tritanomaly

83.0895, 79.7938, 93.4605

Monochromacy



Original Color

83.2385, 79.8534, 94.2452

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

80.2008, 81.5853, 91.6413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.2385, 79.8534, 94.2452 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, 222, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 241)  
}
```

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, 222, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 241) }
```

Border

The CSS property to change the border of an element to XYZ 83.2385, 79.8534, 94.2452 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, 222, 241) }
```


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

```
.border{ border-color:rgb(255, 222, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 222, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 83.2385, 79.8534, 94.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 241) }
```

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

```
.background{ background-color: rgb(255,  
222, 241) }
```

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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