

Converting Colors

XYZ(84.4134, 80.8745, 98.7333)

Have a look what the booklet for
XYZ(84.4134, 80.8745, 98.7333)
contains.

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Color

**XYZ(84.2622, 80.6892,
98.3222)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDFF6
RGB	255, 223, 246
RGB Percent	100%, 87%, 96%
CMY	0.0000, 0.1255, 0.0353
CMYK	0.00, 0.13, 0.04, 0.00
HSL	317°, 100%, 94%
HSV	317°, 13%, 100%
XYZ	84.2622, 80.6892, 98.3222
YIQ	235.1900, 11.6890, 13.9370

Conversions

Conversions Part 2

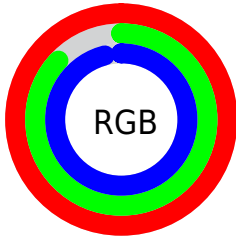
Format	Color
R _Y B	255, 223, 246
Decimal	16769014
CIE _{Lab}	91.99, 14.84, -7.12
CIE _{LCh}	92, 16.456, 334.372
Yxy	80.6892, 0.3201, 0.3065
Android (android.graphics.Color)	4294959094 (0xFFFFDFF6)
YUV	235.1900, 5.3293, 17.3734
Hunter-Lab	89.8272, 10.2440, -2.0181

Details

The XYZ color **84.2622, 80.6892, 98.3222** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7594, 93.0354, 90.0485**, and the grayscale version is **79.0665, 83.1841, 90.5875**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5856, 43.7287, 54.7004** is the 20% darker color. If you saturate the color by 10%, you get **76.8761, 67.6446, 90.5341**, and if you desaturate by 10%, it is **92.7205, 95.8093, 106.6796**.

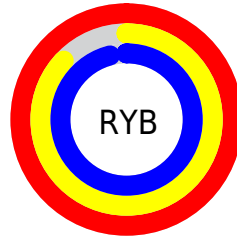
Distribution



Red (100%)

Green (87%)

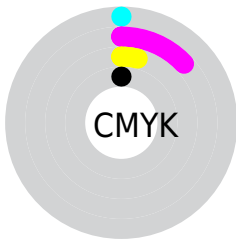
Blue (96%)



Red (100%)

Yellow (87%)

Blue (96%)

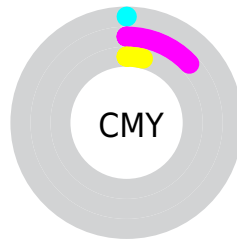


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.2622, 80.6892, 98.3222 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 84.2622, 80.6892, 98.3222 by changing the saturation by 10% instead.


 84.2622, 80.6892,
98.3222

 84.2622, 80.6892,
98.3222


497.7041,
497.2525, 576.0006

 63.5524, 60.2857,
74.2910


138.2613,
134.3343, 160.8813

 46.5485, 43.6489,
54.5340


172.2812,
168.3446, 200.2463

 32.8854, 30.3946,
38.6327


211.4686,
207.6593, 245.5597

 22.1974, 20.1383,
26.1685

256.1887,
252.6628, 297.2399

 14.1195, 12.4956,
16.7228

306.8070,
303.7395, 355.7056

 8.2861, 7.0822,
9.8772

363.6887,

 4.3319, 3.5135,

361.2737, 421.3752

5.2131

427.1993,
425.6499, 494.6674

■ 1.8915, 1.4053,
2.3119

■ 0.5719, 0.2207,
0.7379

■ 84.2622, 80.6892,
98.3222

■ 84.2622, 80.6892,
98.3222

■ 76.8761, 67.6446,
90.5341

■ 92.7205, 95.8093,
106.6796

■ 70.5105, 56.5741,
83.2924

95.0500, 100.0000,
108.9000

■ 65.1175, 47.3823,
76.5800

■ 60.6432, 39.9623,
70.3765

■ 57.0284, 34.1960,
64.6596

■ 54.2063, 29.9514,
59.4046

■ 52.1003, 27.0756,
54.5834

■ 50.6176, 25.3838,
50.1624

■ 49.8163, 24.6905,
47.0922

Harmonies

Analogous

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



81.3767, 80.6892, 108.5200



84.2622, 80.6892, 98.3222



85.0917, 80.6892, 86.0932

Triad

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



84.2622, 80.6892, 98.3222



76.0744, 80.6892, 66.6174



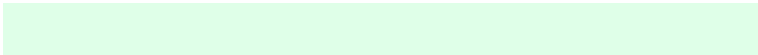
70.1733, 80.6892, 101.6745

Complementary

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



84.2622, 80.6892, 98.3222



80.7594, 93.0354, 90.0485

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.



68.8653, 80.6892, 89.6444



84.2622, 80.6892, 98.3222



72.1919, 80.6892, 69.9987

Square

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



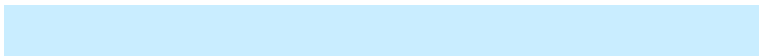
84.2622, 80.6892, 98.3222



80.2647, 80.6892, 68.4838



69.5906, 80.6892, 78.1617



73.2282, 80.6892, 110.5768

Rectangle

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



84.2622, 80.6892, 98.3222



84.3425, 80.6892, 78.5909



69.5906, 80.6892, 78.1617



69.5200, 80.6892, 97.8239

Sweetspot

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



84.2640, 80.6925, 98.3239



91.4234, 93.4805, 105.4295



77.5681, 77.0771, 105.3968



19.4266, 19.7545, 22.4288



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.



84.2640, 80.6925, 98.3239



82.3544, 77.3033, 96.3611



81.9785, 79.7782, 86.2884



18.5620, 18.2081, 21.5765



26.0972, 12.9282, 24.9599



2.5877, 1.2775, 2.6764

Inverse Universe

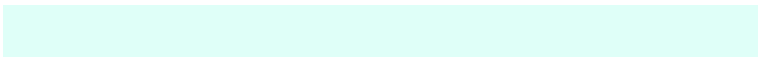
The Inverse Universe completely reimagines the original color for something new.



84.2640, 80.6925, 98.3239



82.3544, 77.3033, 96.3611



83.0644, 93.9574, 102.1866



18.5620, 18.2081, 21.5765



26.0972, 12.9282, 24.9599



2.5877, 1.2775, 2.6764

Previews

White Background



This preview shows how the XYZ color 84.2622, 80.6892, 98.3222 looks on a white background.

Color Contrast Check

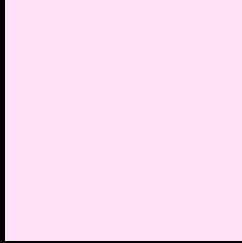
Large Text (above 18pt) WCAG AA × Fail

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 84.2622, 80.6892, 98.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

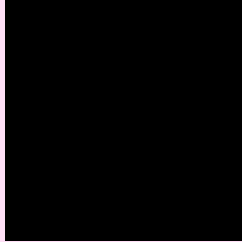
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.2622, 80.6892, 98.3222

Background



This preview shows how black text looks on a background with the XYZ color 84.2622, 80.6892, 98.3222.



This preview shows how white text looks on a background with the XYZ color 84.2622, 80.6892,

98.3222.

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

84.2622, 80.6892, 98.3222

Protanopia

78.9435, 81.1058, 102.7610

Deuteranopia

82.6267, 80.6440, 98.3997



Tritanopia

83.4059, 80.7330, 94.4062

Trichromacy



Original Color

84.2622, 80.6892, 98.3222

Protanomaly

80.7775, 80.8516, 100.9710

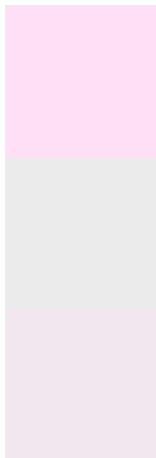
Deuteranomaly

83.0739, 80.4744, 98.3434

Tritanomaly

83.7064, 80.8532, 95.9884

Monochromacy



Original Color

84.2622, 80.6892, 98.3222

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.7739, 82.2611, 93.2821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.2622, 80.6892, 98.3222 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, 223, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 246) }
```

Border

The CSS property to change the border of an element to XYZ 84.2622, 80.6892, 98.3222 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, 223, 246) }
```


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

```
.border{ border-color:rgb(255, 223, 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, 223, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 84.2622, 80.6892, 98.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 246) }
```

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

```
.background{ background-color: rgb(255,  
223, 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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