

Converting Colors

XYZ(83.8505, 81.1413, 98.7822)

Have a look what the booklet for
XYZ(83.8505, 81.1413, 98.7822)
contains.

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Color

**XYZ(83.7046, 81.1997,
98.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE1F6
RGB	252, 225, 246
RGB Percent	99%, 88%, 96%
CMY	0.0118, 0.1176, 0.0353
CMYK	0.00, 0.11, 0.02, 0.01
HSL	313°, 82%, 94%
HSV	313°, 11%, 99%
XYZ	83.7046, 81.1997, 98.4502
YIQ	235.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

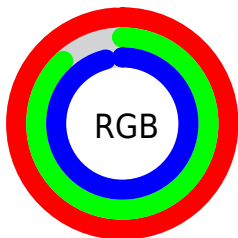
Format	Color
R_{YB}	252, 225, 246
Decimal	16572918
CIE _{Lab}	92.22, 12.80, -6.81
CIE _{LCh}	92, 14.494, 331.978
Yxy	81.1997, 0.3178, 0.3083
Android (android.graphics.Color)	4294762998 (0xFFFC _{E1F6})
YUV	235.4670, 5.1928, 14.4994
Hunter-Lab	90.1109, 8.1158, -1.6994

Details

The XYZ color **83.7046, 81.1997, 98.4502** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.2886, 91.4000, 89.0158**, and the grayscale version is **79.2801, 83.4089, 90.8323**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1747, 44.0693, 54.7877** is the 20% darker color. If you saturate the color by 10%, you get **76.5425, 68.2295, 91.8859**, and if you desaturate by 10%, it is **91.9027, 96.1981, 105.4897**.

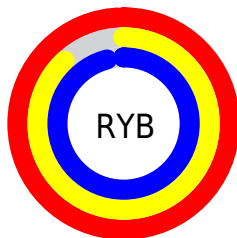
Distribution



Red (99%)

Green (88%)

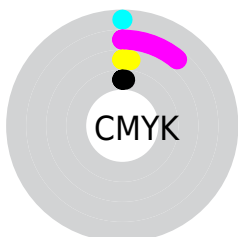
Blue (96%)



Red (99%)

Yellow (88%)

Blue (96%)

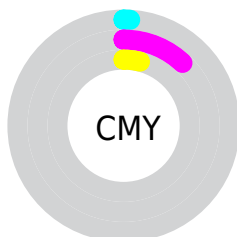


Cyan (0%)

Magenta (11%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.7046, 81.1997, 98.4502 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 83.7046, 81.1997, 98.4502 by changing the saturation by 10% instead.

83.7046, 81.1997,
98.4502

83.7046, 81.1997,
98.4502

495.8803,
498.9668, 576.4165

63.0905, 60.7061,
74.3972

137.4853,
135.0511, 161.0590

46.1733, 43.9880,
54.6205

171.3825,
169.1777, 200.4519

32.5878, 30.6611,
38.7014

210.4382,
208.6175, 245.7952

21.9686, 20.3409,
26.2215

255.0177,
253.7547, 297.5075

13.9503, 12.6431,
16.7621

305.4862,
304.9739, 356.0072

8.1676, 7.1832,
9.9049

362.2093,

4.2551, 3.5770,

362.6593, 421.7129

5.2312

425.5522,
427.1955, 495.0432

■ 1.8474, 1.4399,
2.3224

■ 0.5460, 0.2458,
0.7437

■ 83.7046, 81.1997,
98.4502

■ 83.7046, 81.1997,
98.4502

■ 76.5425, 68.2295,
91.8859

■ 91.9027, 96.1981,
105.4897

■ 70.3652, 57.1889,
85.7757

■ 93.9554, 99.4357,
108.8488

■ 65.1278, 47.9874,
80.1045

■ 60.7789, 40.5226,
74.8540

■ 57.2623, 34.6822,
70.0042

■ 54.5149, 30.3408,
65.5332

■ 52.4648, 27.3544,
61.4155

■ 51.0254, 25.5509,
57.6212

■ 50.1084, 24.6809,
54.3435

Harmonies

Analogous

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



81.0510, 81.1997, 107.0670



83.7046, 81.1997, 98.4502



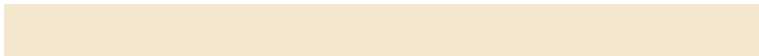
84.5935, 81.1997, 87.7034

Triad

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



83.7046, 81.1997, 98.4502



76.9298, 81.1997, 69.3782



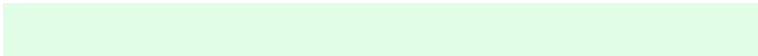
71.2347, 81.1997, 99.7795

Complementary

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



83.7046, 81.1997, 98.4502



80.2886, 91.4000, 89.0158

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.



70.2088, 81.1997, 89.1258



83.7046, 81.1997, 98.4502



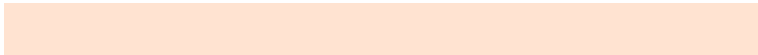
73.4302, 81.1997, 72.0616

Square

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



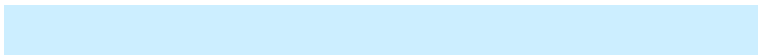
83.7046, 81.1997, 98.4502



80.6074, 81.1997, 71.4429



70.9996, 81.1997, 79.0817



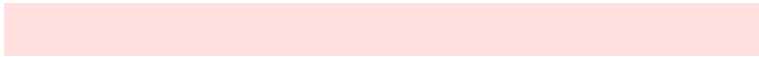
73.8470, 81.1997, 107.8770

Rectangle

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



83.7046, 81.1997, 98.4502



84.0435, 81.1997, 80.9236



70.9996, 81.1997, 79.0817



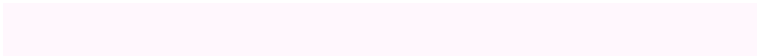
70.6968, 81.1997, 96.3501

Sweetspot

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



83.7070, 81.2032, 98.4520



92.3853, 95.1068, 106.6673



77.4059, 77.8468, 103.0427



19.6254, 20.0839, 22.7051



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

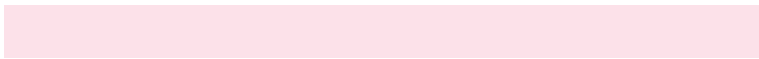
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.7070, 81.2032, 98.4520



84.2077, 80.1774, 99.5457



81.7308, 80.4128, 88.0459



17.8182, 17.4547, 20.8986



26.1596, 12.8796, 28.6127



2.4620, 1.2086, 2.8565

Inverse Universe

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



83.7070, 81.2032, 98.4520



84.2077, 80.1774, 99.5457



82.2467, 92.1832, 99.3272



17.8182, 17.4547, 20.8986



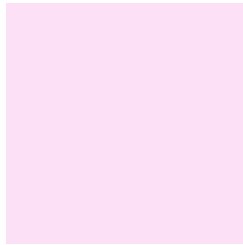
26.1596, 12.8796, 28.6127



2.4620, 1.2086, 2.8565

Previews

White Background



This preview shows how the XYZ color 83.7046, 81.1997, 98.4502 looks on a white background.

Color Contrast Check

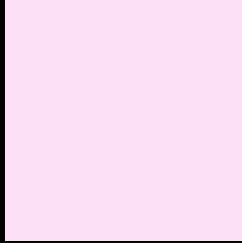
Large Text (above 18pt) WCAG AA × Fail

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 83.7046, 81.1997, 98.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

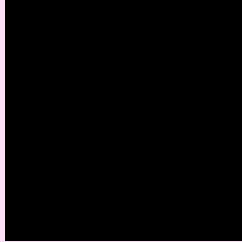
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.7046, 81.1997, 98.4502

Background



This preview shows how black text looks on a background with the XYZ color 83.7046, 81.1997, 98.4502.



This preview shows how white text looks on a background with the XYZ color 83.7046, 81.1997,

98.4502.

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

83.7046, 81.1997, 98.4502

Protanopia

79.1099, 81.2098, 101.9480

Deuteranopia

82.8978, 81.1863, 98.4901



Tritanopia

83.2478, 81.0169, 96.0442

Trichromacy



Original Color

83.7046, 81.1997, 98.4502

Protanomaly

80.7148, 81.2289, 101.0472

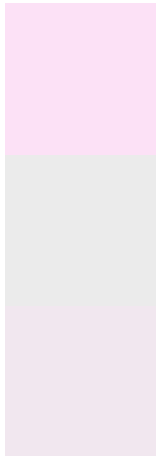
Deuteranomaly

83.2552, 81.3705, 98.5068

Tritanomaly

83.3992, 81.0775, 96.8419

Monochromacy



Original Color

83.7046, 81.1997, 98.4502

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.4315, 82.0846, 93.2661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7046, 81.1997, 98.4502 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(252, 225, 246) looks like.

```
.text, #text, p{  
    color:rgb(252, 225, 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(252, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 225, 246) }
```

Border

The CSS property to change the border of an element to XYZ 83.7046, 81.1997, 98.4502 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(252, 225, 246) }
```


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

```
.border{ border-color:rgb(252, 225, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 225, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(252, 225,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7046, 81.1997, 98.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 225, 246) }
```

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

```
.background{ background-color: rgb(252,  
225, 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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