

Converting Colors

XYZ(84.6491, 81.4449, 98.5069)

Have a look what the booklet for
XYZ(84.6491, 81.4449, 98.5069)
contains.

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Color

**XYZ(84.5302, 81.2251,
98.4116)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0F6
RGB	255, 224, 246
RGB Percent	100%, 88%, 96%
CMY	0.0000, 0.1215, 0.0353
CMYK	0.00, 0.12, 0.04, 0.00
HSL	317°, 100%, 94%
HSV	317°, 12%, 100%
XYZ	84.5302, 81.2251, 98.4116
YIQ	235.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

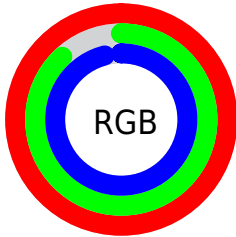
Format	Color
R_{YB}	255, 224, 246
Decimal	16769270
CIE _{Lab}	92.23, 14.32, -6.76
CIE _{LCh}	92, 15.835, 334.709
Yxy	81.2251, 0.3200, 0.3075
Android (android.graphics.Color)	4294959350 (0xFFFFE0F6)
YUV	235.7770, 5.0399, 16.8586
Hunter-Lab	90.1250, 9.7004, -1.6540

Details

The XYZ color **84.5302, 81.2251, 98.4116** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2109, 93.2517, 90.8131**, and the grayscale version is **79.5165, 83.6575, 91.1031**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7709, 44.0994, 54.7621** is the 20% darker color. If you saturate the color by 10%, you get **77.0706, 68.0881, 90.4307**, and if you desaturate by 10%, it is **93.0665, 96.4422, 106.9771**.

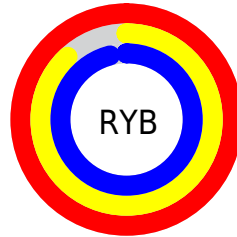
Distribution



Red (100%)

Green (88%)

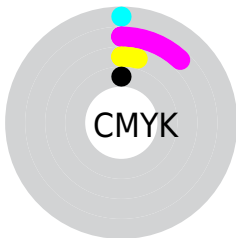
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

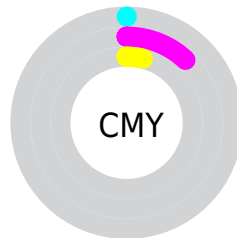


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.5302, 81.2251, 98.4116 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 84.5302, 81.2251, 98.4116 by changing the saturation by 10% instead.


 84.5302, 81.2251,
98.4116

 84.5302, 81.2251,
98.4116


498.5794,
499.0520, 576.2911

 63.7745, 60.7270,
74.3652


138.6340,
135.0868, 161.0054

 46.7290, 44.0049,
54.5944

172.7128,
169.2192, 200.3899

 33.0285, 30.6744,
38.6807


211.9633,
208.6651, 245.7242

 22.3076, 20.3510,
26.2055

256.7510,
253.8090, 297.4268

 14.2010, 12.6504,
16.7503

307.4410,
305.0353, 355.9162

 8.3432, 7.1883,
9.8965

364.3989,

 4.3690, 3.5801,

362.7282, 421.6111

5.2257

427.9898,
427.2723, 494.9299

■ 1.9129, 1.4416,
2.3192

■ 0.5843, 0.2471,
0.7420

■ 84.5302, 81.2251,
98.4116

■ 84.5302, 81.2251,
98.4116

■ 77.0706, 68.0881,
90.4307

■ 93.0665, 96.4422,
106.9771

■ 70.6360, 56.9299,
83.0113

95.0500, 100.0000,
108.9000

■ 65.1788, 47.6556,
76.1359

■ 60.6452, 40.1585,
69.7841

■ 56.9759, 34.3210,
63.9333

■ 54.1048, 30.0117,
58.5587

■ 51.9554, 27.0786,
53.6321

■ 50.4358, 25.3387,
49.1198

■ 49.5770, 24.5948,
45.8322

Harmonies

Analogous

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



81.7654, 81.2251, 108.2693



84.5302, 81.2251, 98.4116



85.3048, 81.2251, 86.6048

Triad

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



84.5302, 81.2251, 98.4116



76.5584, 81.2251, 67.8462



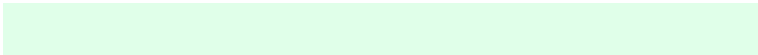
70.9182, 81.2251, 101.8896

Complementary

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



84.5302, 81.2251, 98.4116



81.2109, 93.2517, 90.8131

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.



69.6293, 81.2251, 90.3016



84.5302, 81.2251, 98.4116



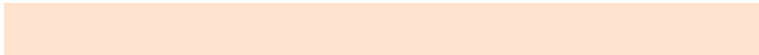
72.8117, 81.2251, 71.1935

Square

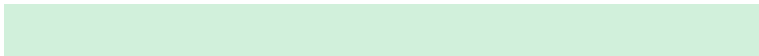
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5302, 81.2251, 98.4116



80.6094, 81.2251, 69.6059



70.3101, 81.2251, 79.1664



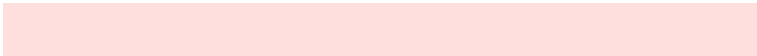
73.8920, 81.2251, 110.3983

Rectangle

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



84.5302, 81.2251, 98.4116



84.5660, 81.2251, 79.3590



70.3101, 81.2251, 79.1664



70.2784, 81.2251, 98.1893

Sweetspot

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



84.5320, 81.2284, 98.4133



91.4087, 93.4746, 105.3522



78.2422, 77.8223, 105.5052



19.4229, 19.7530, 22.4092



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

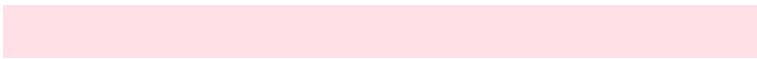
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5320, 81.2284, 98.4133



82.3016, 77.2822, 96.0835



82.2817, 80.3282, 86.5632



18.5547, 18.2052, 21.5380



25.9732, 12.8786, 24.3070



2.5764, 1.2730, 2.6170

Inverse Universe

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



84.5320, 81.2284, 98.4133



82.3016, 77.2822, 96.0835



83.4898, 94.1632, 102.8136



18.5547, 18.2052, 21.5380



25.9732, 12.8786, 24.3070



2.5764, 1.2730, 2.6170

Previews

White Background



This preview shows how the XYZ color 84.5302, 81.2251, 98.4116 looks on a white background.

Color Contrast Check

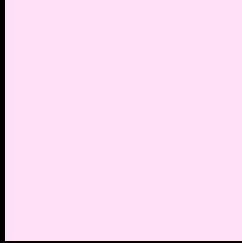
Large Text (above 18pt) WCAG AA × Fail

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 84.5302, 81.2251, 98.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

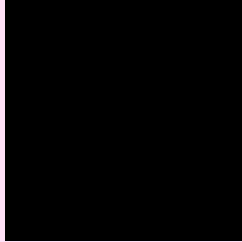
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5302, 81.2251, 98.4116

Background



This preview shows how black text looks on a background with the XYZ color 84.5302, 81.2251, 98.4116.



This preview shows how white text looks on a background with the XYZ color 84.5302, 81.2251,

98.4116.

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

84.5302, 81.2251, 98.4116

Protanopia

79.1099, 81.2098, 101.9480

Deuteranopia

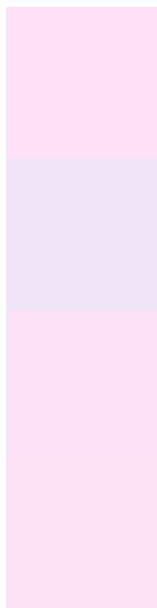
83.2552, 81.3705, 98.5068



Tritanopia

83.8253, 81.3321, 95.2850

Trichromacy



Original Color

84.5302, 81.2251, 98.4116

Protanomaly

80.7775, 80.8516, 100.9710

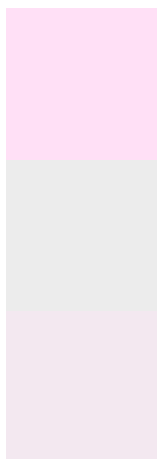
Deuteranomaly

83.7046, 81.1997, 98.4502

Tritanomaly

83.9759, 81.3923, 96.0783

Monochromacy



Original Color

84.5302, 81.2251, 98.4116

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

81.5469, 83.0592, 94.1721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5302, 81.2251, 98.4116 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, 224, 246) looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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, 224, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 246) }
```

Border

The CSS property to change the border of an element to XYZ 84.5302, 81.2251, 98.4116 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, 224, 246) }
```


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

```
.border{ border-color:rgb(255, 224, 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, 224, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5302, 81.2251, 98.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 246) }
```

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

```
.background{ background-color: rgb(255,  
224, 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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