

Converting Colors

XYZ(84.5359, 81.6553, 98.6635)

Have a look what the booklet for
XYZ(84.5359, 81.6553, 98.6635)
contains.

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Color

**XYZ(84.4328, 81.5751,
98.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE1F6
RGB	254, 225, 246
RGB Percent	100%, 88%, 96%
CMY	0.0039, 0.1176, 0.0353
CMYK	0.00, 0.11, 0.03, 0.00
HSL	317°, 94%, 94%
HSV	317°, 11%, 100%
XYZ	84.4328, 81.5751, 98.4843
YIQ	236.0650, 10.5430, 12.6790

Conversions

Conversions Part 2

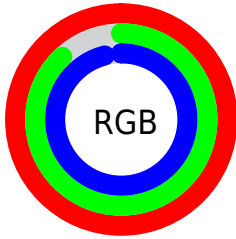
Format	Color
R _Y B	254, 225, 246
Decimal	16703990
CIE Lab	92.39, 13.46, -6.54
CIE LCh	92, 14.970, 334.074
Yxy	81.5751, 0.3192, 0.3084
Android (android.graphics.Color)	4294894070 (0xFFFE1F6)
YUV	236.0650, 4.8980, 15.7290
Hunter-Lab	90.3189, 8.8089, -1.4269

Details

The XYZ color **84.4328, 81.5751, 98.4843** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2042, 92.7765, 90.7229**, and the grayscale version is **79.7386, 83.8913, 91.3576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6949, 44.3375, 54.8121** is the 20% darker color. If you saturate the color by 10%, you get **77.0157, 68.4289, 90.8054**, and if you desaturate by 10%, it is **92.9166, 96.7874, 106.7210**.

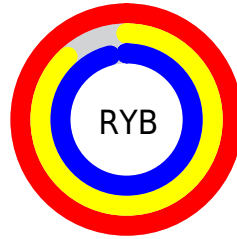
Distribution



Red (100%)

Green (88%)

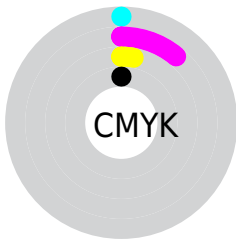
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

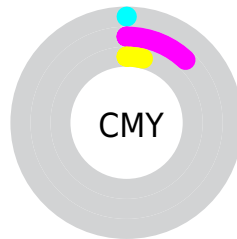


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.4328, 81.5751, 98.4843 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 84.4328, 81.5751, 98.4843 by changing the saturation by 10% instead.

 84.4328, 81.5751,
98.4843

 84.4328, 81.5751,
98.4843


498.2613,
500.2253, 576.5273

 63.6937, 61.0154,
74.4255


138.4986,
135.5780, 161.1064

 46.6634, 44.2376,
54.6435


172.5560,
169.7899, 200.5067

 32.9765, 30.8573,
38.7197


211.7836,
209.3214, 245.8580

 22.2676, 20.4902,
26.2356

256.5467,
254.5568, 297.5788

 14.1714, 12.7519,
16.7726

307.2106,
305.8804, 356.0875

 8.3224, 7.2579,
9.9123

364.1408,

 4.3555, 3.6239,

363.6768, 421.8028

5.2360

427.7026,
428.3303, 495.1433

■ 1.9051, 1.4655,
2.3252

■ 0.5798, 0.2643,
0.7453

■ 84.4328, 81.5751,
98.4843

■ 84.4328, 81.5751,
98.4843

■ 77.0157, 68.4289,
90.8054

■ 92.9166, 96.7874,
106.7210

■ 70.6128, 57.2481,
83.6616

94.6835, 99.8111,
108.8829

■ 65.1778, 47.9395,
77.0363

■ 60.6579, 40.3982,
70.9097

■ 56.9948, 34.5087,
65.2600

■ 54.1238, 30.1419,
60.0633

■ 51.9702, 27.1493,
55.2923

■ 50.4443, 25.3525,
50.9147

■ 49.5171, 24.5285,
47.4294

Harmonies

Analogous

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



81.7859, 81.5751, 107.7010



84.4328, 81.5751, 98.4843



85.2091, 81.5751, 87.3134

Triad

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



84.4328, 81.5751, 98.4843



77.0063, 81.5751, 69.1860



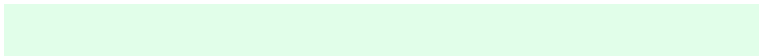
71.5236, 81.5751, 101.3253

Complementary

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



84.4328, 81.5751, 98.4843



81.2042, 92.7765, 90.7229

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.



70.3354, 81.5751, 90.3467



84.4328, 81.5751, 98.4843



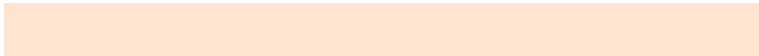
73.4334, 81.5751, 72.2881

Square

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



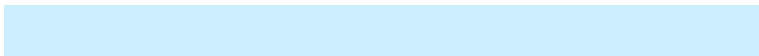
84.4328, 81.5751, 98.4843



80.8391, 81.5751, 70.9741



71.0229, 81.5751, 79.8122



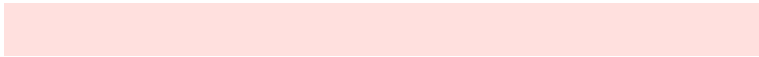
74.3216, 81.5751, 109.4348

Rectangle

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



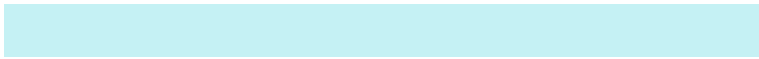
84.4328, 81.5751, 98.4843



84.5406, 81.5751, 80.3956



71.0229, 81.5751, 79.8122



70.9270, 81.5751, 97.8163

Sweetspot

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



84.4352, 81.5787, 98.4861



92.3199, 95.0806, 106.3227



78.3353, 78.2891, 104.7497



19.6077, 20.0768, 22.6119



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.



84.4352, 81.5787, 98.4861



83.1543, 78.6815, 97.3110



82.3334, 80.7380, 87.4185



18.5663, 18.2098, 21.5992



26.1714, 12.9578, 25.3507



2.5945, 1.2802, 2.7118

Inverse Universe

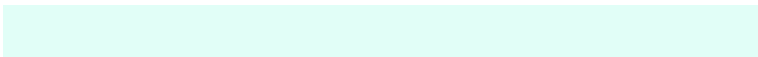
The Inverse Universe completely reimagines the original color for something new.



84.4352, 81.5787, 98.4861



83.1543, 78.6815, 97.3110



83.3204, 93.6230, 101.8662



18.5663, 18.2098, 21.5992



26.1714, 12.9578, 25.3507



2.5945, 1.2802, 2.7118

Previews

White Background



This preview shows how the XYZ color 84.4328, 81.5751, 98.4843 looks on a white background.

Color Contrast Check

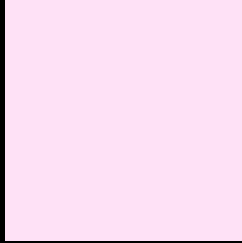
Large Text (above 18pt) WCAG AA × Fail

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 84.4328, 81.5751, 98.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

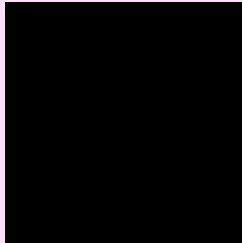
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.4328, 81.5751, 98.4843

Background



This preview shows how black text looks on a background with the XYZ color 84.4328, 81.5751, 98.4843.



This preview shows how white text looks on a background with the XYZ color 84.4328, 81.5751,

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

84.4328, 81.5751, 98.4843

Protanopia

79.7162, 81.9390, 102.0568

Deuteranopia

83.2552, 81.3705, 98.5068



Tritanopia

83.9759, 81.3923, 96.0783

Trichromacy



Original Color

84.4328, 81.5751, 98.4843

Protanomaly

81.3938, 81.5789, 101.0789

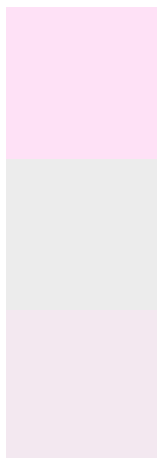
Deuteranomaly

83.6146, 81.5558, 98.5237

Tritanomaly

84.1274, 81.4529, 96.8759

Monochromacy



Original Color

84.4328, 81.5751, 98.4843

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 84.4328, 81.5751, 98.4843 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(254, 225, 246) looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 225, 246) }
```

Border

The CSS property to change the border of an element to XYZ 84.4328, 81.5751, 98.4843 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(254, 225, 246) }
```


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

```
.border{ border-color:rgb(254, 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(254, 225, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(254, 225,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4328, 81.5751, 98.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 225, 246) }
```

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

```
.background{ background-color: rgb(254,  
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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