

Converting Colors

XYZ(148.3011, 114.4589,
101.5267)

Have a look what the booklet for
XYZ(148.3011, 114.4589, 101.5267)
contains.

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Color

**XYZ(84.7998, 81.7642,
98.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1F6
RGB	255, 225, 246
RGB Percent	100%, 88%, 96%
CMY	0.0000, 0.1176, 0.0353
CMYK	0.00, 0.12, 0.04, 0.00
HSL	318°, 100%, 94%
HSV	318°, 12%, 100%
XYZ	84.7998, 81.7642, 98.5014
YIQ	236.3640, 11.1390, 12.8910

Conversions

Conversions Part 2

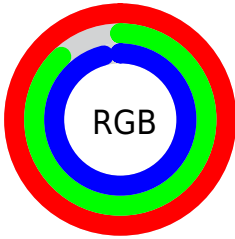
Format	Color
R _Y B	255, 225, 246
Decimal	16769526
CIE Lab	92.47, 13.80, -6.41
CIE LCh	92, 15.215, 335.076
Yxy	81.7642, 0.3199, 0.3085
Android (android.graphics.Color)	4294959606 (0xFFFFE1F6)
YUV	236.3640, 4.7505, 16.3438
Hunter-Lab	90.4236, 9.1572, -1.2901

Details

The XYZ color **84.7998, 81.7642, 98.5014** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.6650, 93.4692, 91.5823**, and the grayscale version is **79.9680, 84.1326, 91.6204**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9577, 44.4729, 54.8244** is the 20% darker color. If you saturate the color by 10%, you get **77.2643, 68.5337, 90.3158**, and if you desaturate by 10%, it is **93.4166, 97.0794, 107.2884**.

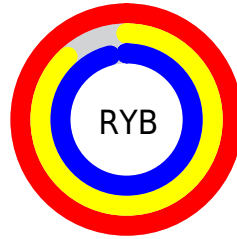
Distribution



Red (100%)

Green (88%)

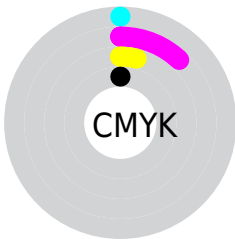
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

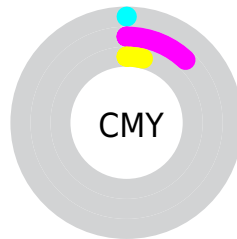


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.7998, 81.7642, 98.5014 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 84.7998, 81.7642, 98.5014 by changing the saturation by 10% instead.


 84.7998, 81.7642,
98.5014

 84.7998, 81.7642,
98.5014


499.4590,
500.8586, 576.5828

 63.9979, 61.1712,
74.4397

139.0089,
135.8433, 161.1301

 46.9107, 44.3633,
54.6550


173.1468,
170.0981, 200.5342

 33.1727, 30.9563,
38.7289

212.4608,
209.6757, 245.8895

 22.4186, 20.5655,
26.2426

257.3162,
254.9605, 297.6145

 14.2832, 12.8068,
16.7779

308.0784,
306.3367, 356.1278

 8.4009, 7.2956,
9.9160

365.1127,

 4.4065, 3.6477,

364.1889, 421.8479

5.2384

428.7844,
428.9014, 495.1934

■ 1.9346, 1.4785,
2.3266

■ 0.5968, 0.2735,
0.7461

■ 84.7998, 81.7642,
98.5014

■ 84.7998, 81.7642,
98.5014

■ 77.2643, 68.5337,
90.3158

■ 93.4166, 97.0794,
107.2884

■ 70.7588, 57.2870,
82.7082

95.0500, 100.0000,
108.9000

■ 65.2355, 47.9293,
75.6609

■ 60.6410, 40.3543,
69.1532

■ 56.9160, 34.4449,
63.1623

■ 53.9948, 30.0703,
57.6633

■ 51.8012, 27.0795,
52.6276

■ 50.2441, 25.2909,
48.0216

■ 49.3260, 24.4944,
44.5101

Harmonies

Analogous

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



82.1564, 81.7642, 108.0197



84.7998, 81.7642, 98.5014



85.5192, 81.7642, 87.1186

Triad

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



84.7998, 81.7642, 98.5014



77.0450, 81.7642, 69.0907



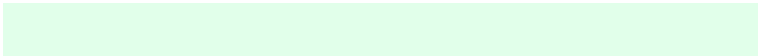
71.6693, 81.7642, 102.1067

Complementary

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



84.7998, 81.7642, 98.5014



81.6650, 93.4692, 91.5823

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.



70.3996, 81.7642, 90.9637



84.7998, 81.7642, 98.5014



73.4355, 81.7642, 72.4028

Square

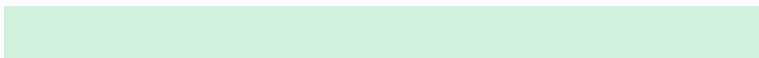
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



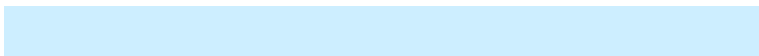
84.7998, 81.7642, 98.5014



80.9557, 81.7642, 70.7406



71.0351, 81.7642, 80.1811



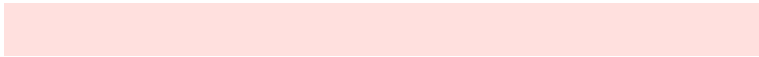
74.5609, 81.7642, 110.2216

Rectangle

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



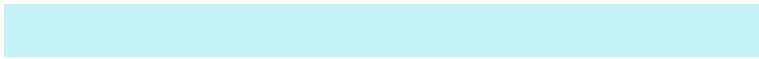
84.7998, 81.7642, 98.5014



84.7908, 81.7642, 80.1322



71.0351, 81.7642, 80.1811



71.0432, 81.7642, 98.5575

Sweetspot

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



84.8015, 81.7674, 98.5031



91.3931, 93.4683, 105.2698



78.9098, 78.5666, 105.6136



19.4190, 19.7514, 22.3883



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.



84.8015, 81.7674, 98.5031



83.0230, 78.6290, 96.6199



82.5912, 80.8833, 86.8637



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6217



2.5646, 1.2682, 2.5545

Inverse Universe

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



84.8015, 81.7674, 98.5031



83.0230, 78.6290, 96.6199



83.9122, 94.3681, 103.4157



18.5469, 18.2021, 21.4970



25.8430, 12.8265, 23.6217



2.5646, 1.2682, 2.5545

Previews

White Background



This preview shows how the XYZ color 84.7998, 81.7642, 98.5014 looks on a white background.

Color Contrast Check

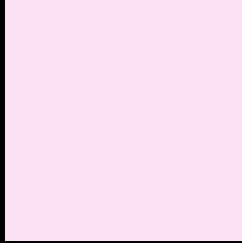
Large Text (above 18pt) WCAG AA × Fail

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 84.7998, 81.7642, 98.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

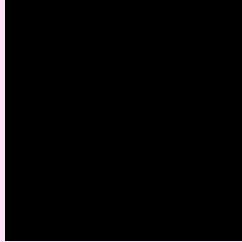
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.7998, 81.7642, 98.5014

Background



This preview shows how black text looks on a background with the XYZ color 84.7998, 81.7642, 98.5014.



This preview shows how white text looks on a background with the XYZ color 84.7998, 81.7642,

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

84.7998, 81.7642, 98.5014

Protanopia

79.7162, 81.9390, 102.0568

Deuteranopia

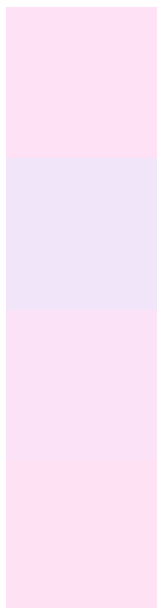
83.8873, 82.1012, 98.6146



Tritanopia

84.3429, 81.5815, 96.0955

Trichromacy



Original Color

84.7998, 81.7642, 98.5014

Protanomaly

81.3938, 81.5789, 101.0789

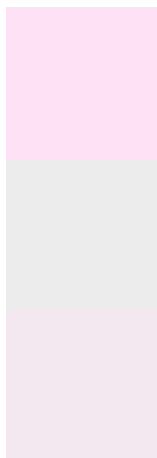
Deuteranomaly

83.9758, 81.7420, 98.5406

Tritanomaly

84.4943, 81.6421, 96.8931

Monochromacy



Original Color

84.7998, 81.7642, 98.5014

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 84.7998, 81.7642, 98.5014 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, 225, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 225, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 246) }
```

Border

The CSS property to change the border of an element to XYZ 84.7998, 81.7642, 98.5014 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, 225, 246) }
```


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

```
.border{ border-color:rgb(255, 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(255, 225, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7998, 81.7642, 98.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 246) }
```

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

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