

Converting Colors

XYZ(84.7968, 84.2469, 97.7154)

Have a look what the booklet for
XYZ(84.7968, 84.2469, 97.7154)
contains.

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Color

**XYZ(84.6887, 84.1927,
97.3752)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE7F4
RGB	251, 231, 244
RGB Percent	98%, 91%, 96%
CMY	0.0157, 0.0941, 0.0431
CMYK	0.00, 0.08, 0.03, 0.02
HSL	321°, 71%, 95%
HSV	321°, 8%, 98%
XYZ	84.6887, 84.1927, 97.3752
YIQ	238.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

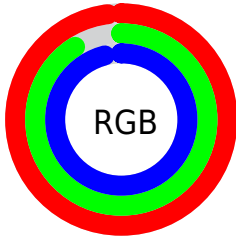
Format	Color
R_{YB}	251, 231, 244
Decimal	16508916
CIE _{Lab}	93.53, 9.00, -3.84
CIE _{LCh}	94, 9.788, 336.912
Yxy	84.1927, 0.3181, 0.3162
Android (android.graphics.Color)	4294698996 (0xFFFFBE7F4)
YUV	238.4620, 2.7302, 10.9958
Hunter-Lab	91.7566, 4.1764, 1.3090

Details

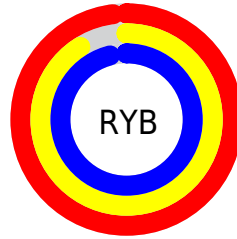
The XYZ color **84.6887, 84.1927, 97.3752** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8880, 92.1586, 94.3131**, and the grayscale version is **81.6034, 85.8531, 93.4940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6552, 45.7601, 53.9505** is the 20% darker color. If you saturate the color by 10%, you get **76.8592, 70.6173, 88.3396**, and if you desaturate by 10%, it is **93.2401, 99.1079, 106.9673**.

Distribution



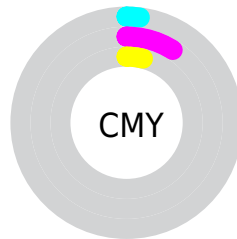
- Red (98%)
- Green (91%)
- Blue (96%)



- Red (98%)
- Yellow (91%)
- Blue (96%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (2%)




- Cyan (2%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.6887, 84.1927, 97.3752 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 84.6887, 84.1927, 97.3752 by changing the saturation by 10% instead.


 84.6887, 84.1927,
97.3752

 84.6887, 84.1927,
97.3752


499.0966,
508.9529, 572.9187

 63.9058, 63.1745,
73.5057


138.8544,
139.2447, 159.5657

 46.8358, 45.9824,
53.8952


172.9680,
174.0473, 198.7237

 33.1133, 32.2320,
38.1253

212.2558,
214.2136, 243.8149

 22.3729, 21.5387,
25.7773

257.0833,
260.1279, 295.2580

 14.2493, 13.5184,
16.4329

307.8158,
312.1745, 353.4713

 8.3771, 7.7865,
9.6733

364.8186,

 4.3910, 3.9586,

370.7380, 418.8736

5.0801

428.4571,
436.2027, 491.8832

■ 1.9256, 1.6504,
2.2348

■ 0.5917, 0.3913,
0.6943

■ 84.6887, 84.1927,
97.3752

■ 84.6887, 84.1927,
97.3752

■ 76.8592, 70.6173,
88.3396

■ 93.2401, 99.1079,
106.9673

■ 70.0548, 58.9927,
79.9542

■ 93.5942, 99.2495,
108.8319

■ 64.2312, 49.2309,
72.2008

■ 59.3381, 41.2325,
65.0582

■ 55.3206, 34.8891,
58.5034

■ 52.1175, 30.0803,
52.5114

■ 49.6595, 26.6688,
47.0541

■ 47.8651, 24.4930,
42.0995

■ 46.6238, 23.3340,
37.6056

Harmonies

Analogous

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



83.0490, 84.1927, 103.5466



84.6887, 84.1927, 97.3752



85.0657, 84.1927, 89.9669

Triad

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



84.6887, 84.1927, 97.3752



79.4252, 84.1927, 78.2374



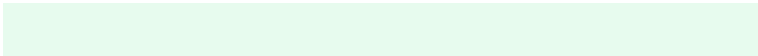
76.1090, 84.1927, 100.5011

Complementary

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



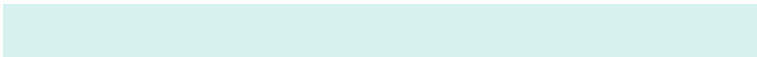
84.6887, 84.1927, 97.3752



82.8880, 92.1586, 94.3131

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.



75.1830, 84.1927, 93.3976



84.6887, 84.1927, 97.3752



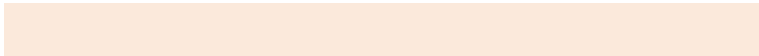
77.0707, 84.1927, 80.7410

Square

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



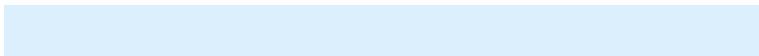
84.6887, 84.1927, 97.3752



81.9902, 84.1927, 79.1751



75.5312, 84.1927, 86.1951



78.0868, 84.1927, 105.4182

Rectangle

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



84.6887, 84.1927, 97.3752



84.5430, 84.1927, 85.3703



75.5312, 84.1927, 86.1951



75.6663, 84.1927, 98.2754

Sweetspot

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



84.6911, 84.1964, 97.3770



93.1584, 96.6746, 106.8580



81.2517, 82.2981, 102.8707



19.9596, 20.7272, 22.8935



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

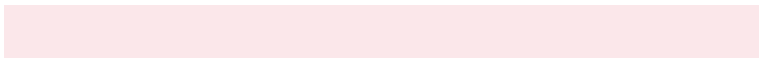
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6911, 84.1964, 97.3770



86.0437, 84.2340, 98.9715



83.2138, 83.6054, 89.5974



17.7199, 17.4153, 20.3806



24.4647, 12.2016, 19.6871



2.3160, 1.1501, 2.0875

Inverse Universe

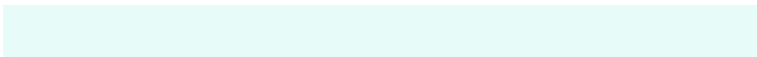
The Inverse Universe completely reimagines the original color for something new.



84.6911, 84.1964, 97.3770



86.0437, 84.2340, 98.9715



84.3981, 92.7626, 102.2654



17.7199, 17.4153, 20.3806



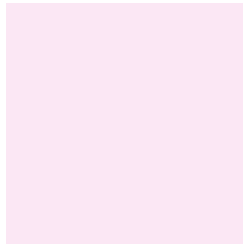
24.4647, 12.2016, 19.6871



2.3160, 1.1501, 2.0875

Previews

White Background



This preview shows how the XYZ color 84.6887, 84.1927, 97.3752 looks on a white background.

Color Contrast Check

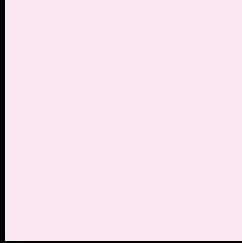
Large Text (above 18pt) WCAG AA × Fail

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 84.6887, 84.1927, 97.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

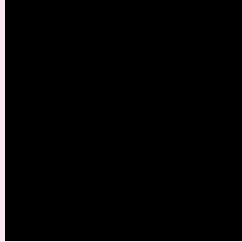
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.6887, 84.1927, 97.3752

Background



This preview shows how black text looks on a background with the XYZ color 84.6887, 84.1927, 97.3752.



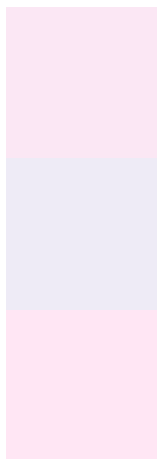
This preview shows how white text looks on a background with the XYZ color 84.6887, 84.1927,

97.352.

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

84.6887, 84.1927, 97.3752

Protanopia

81.6028, 84.2476, 99.1493

Deuteranopia

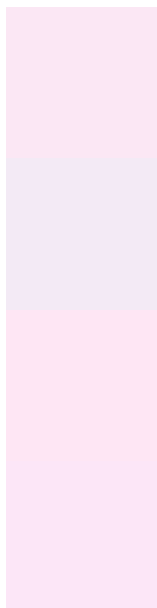
85.8659, 84.3853, 97.3503



Tritanopia

85.3850, 84.0664, 100.5331

Trichromacy



Original Color

84.6887, 84.1927, 97.3752

Protanomaly

82.8664, 84.4929, 98.3274

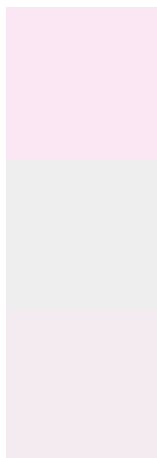
Deuteranomaly

85.4990, 84.1961, 97.3331

Tritanomaly

85.2302, 84.0045, 99.7181

Monochromacy



Original Color

84.6887, 84.1927, 97.3752

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

82.3987, 84.7626, 94.4560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6887, 84.1927, 97.3752 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(251, 231, 244) looks like.

```
.text, #text, p{  
    color:rgb(251, 231, 244)  
}
```

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(251, 231, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 231, 244) }
```

Border

The CSS property to change the border of an element to XYZ 84.6887, 84.1927, 97.3752 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(251, 231, 244) }
```


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

```
.border{ border-color:rgb(251, 231, 244) }
```

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

Here you see how a box with a 4 pixel rgb(251, 231, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 231, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 231, 244);  
box-shadow:4px 4px 4px 4px rgb(251, 231,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6887, 84.1927, 97.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 231, 244) }
```

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

```
.background{ background-color: rgb(251,  
231, 244) }
```

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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