

Converting Colors

XYZ(90.5868, 97.9376, 97.9199)

Have a look what the booklet for
XYZ(90.5868, 97.9376, 97.9199)
contains.

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Color

**XYZ(90.4984, 97.8873,
98.1288)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFF2
RGB	248, 255, 242
RGB Percent	97%, 100%, 95%
CMY	0.0274, 0.0000, 0.0510
CMYK	0.03, 0.00, 0.05, 0.00
HSL	92°, 100%, 97%
HSV	92°, 5%, 100%
XYZ	90.4984, 97.8873, 98.1288
YIQ	251.4250, 0.0010, -5.5270

Conversions

Conversions Part 2

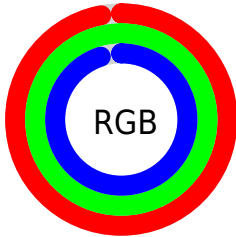
Format	Color
R_{YB}	242, 255, 249
Decimal	16318450
CIE _{Lab}	99.18, -4.56, 5.40
CIE _{LCh}	99, 7.065, 130.206
Yxy	97.8873, 0.3159, 0.3416
Android (android.graphics.Color)	4294508530 (0xFFFF8FFF2)
YUV	251.4250, -4.6465, -3.0037
Hunter-Lab	98.9380, -9.8679, 10.4515

Details

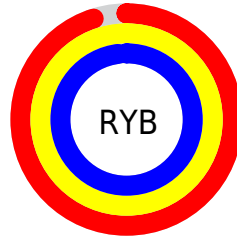
The XYZ color 90.4984, 97.8873, 98.1288 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8698, 90.8652, 107.4625, and the grayscale version is 92.0847, 96.8803, 105.5026.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.7952, 55.1398, 54.4202 is the 20% darker color. If you saturate the color by 10%, you get 82.2405, 94.0422, 79.1239, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

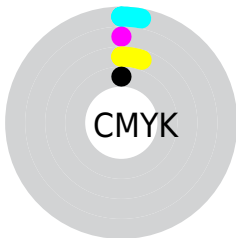
Distribution



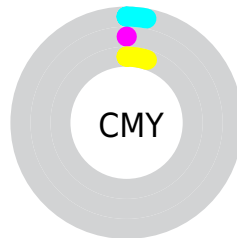
- Red (97%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.4984, 97.8873, 98.1288 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 90.4984, 97.8873, 98.1288 by changing the saturation by 10% instead.


 90.4984, 97.8873,
98.1288

 90.4984, 97.8873,
98.1288


517.8646,
553.3676, 575.3720

 68.7317, 74.5404,
74.1306

146.9053,
158.2476, 160.6127

 50.7691, 55.2364,
54.4035

182.2763,
196.0297, 199.9355

 36.2452, 39.5911,
38.5290


222.9127,
239.3924, 245.2036

 24.7946, 27.2198,
26.0885

269.1800,
288.7200, 296.8355

 16.0520, 17.7384,
16.6635

321.4435,
344.3969, 355.2497

 9.6520, 10.7623,
9.8354

380.0685,

 5.2294, 5.9073,

406.8076, 420.8648

5.1858

445.4204,
476.3364, 494.0994

■ 2.4186, 2.7888,
2.2961

■ 0.8544, 1.0225,
0.7290

■ 90.4984, 97.8873,
98.1288

■ 90.4984, 97.8873,
98.1288

■ 82.2405, 94.0422,
79.1239

95.0500, 100.0000,
108.9000

■ 74.8434, 90.5819,
62.8307

■ 68.2767, 87.4931,
49.1266

■ 62.5067, 84.7616,
37.8779

■ 57.4975, 82.3719,
28.9387

■ 53.2097, 80.3074,
22.1480

■ 49.5997, 78.5494,
17.3239

■ 46.6177, 77.0769,
14.2542

■ 44.2040, 75.8650,
12.6778

Harmonies

Analogous

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



92.3370, 97.8873, 95.7746



90.4984, 97.8873, 98.1288



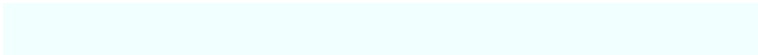
89.3515, 97.8873, 102.7766

Triad

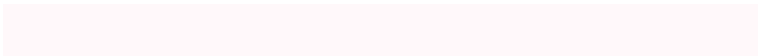
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.4984, 97.8873, 98.1288



91.7003, 97.8873, 117.6482



97.0031, 97.8873, 104.5798

Complementary

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



90.4984, 97.8873, 98.1288



88.8698, 90.8652, 107.4625

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.



96.8265, 97.8873, 110.4814



90.4984, 97.8873, 98.1288



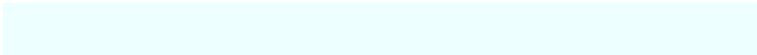
93.7445, 97.8873, 118.1746

Square

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



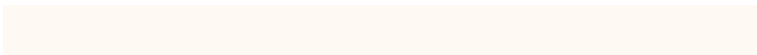
90.4984, 97.8873, 98.1288



90.0383, 97.8873, 114.0957



95.6266, 97.8873, 115.5086



96.1055, 97.8873, 99.4068

Rectangle

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



90.4984, 97.8873, 98.1288



89.1233, 97.8873, 106.6235



95.6266, 97.8873, 115.5086



97.0677, 97.8873, 106.5418

Sweetspot

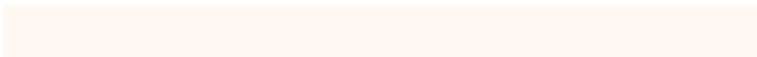
The Sweet Spot groups the original color and five complimentary colors.



90.4992, 97.8876, 98.1303



93.2366, 99.1588, 104.5857



91.1227, 95.3816, 97.6137



19.9755, 21.2329, 22.4308



0.0000, 0.0000, 0.0000



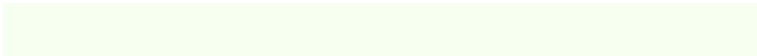
20.3446, 21.4041, 23.3091

Same Dimension

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



90.4992, 97.8876, 98.1303



89.7175, 97.5244, 96.3001



88.4711, 96.8346, 98.3755



19.0831, 20.8184, 20.3318



22.7359, 39.4589, 6.4180



2.3381, 3.9061, 0.6307

Inverse Universe

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



88.8698, 90.8652, 107.4625



87.8113, 89.3088, 107.2179



90.9730, 91.9575, 107.1973



18.6327, 18.8772, 22.9116



15.0223, 6.6547, 49.9273



1.5888, 0.7130, 4.8671

Previews

White Background



This preview shows how the XYZ color 90.4984, 97.8873, 98.1288 looks on a white background.

Color Contrast Check

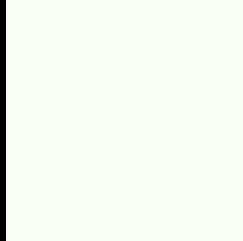
Large Text (above 18pt) WCAG AA × Fail

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 90.4984, 97.8873, 98.1288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

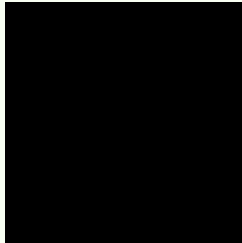
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.4984, 97.8873, 98.1288

Background



This preview shows how black text looks on a background with the XYZ color 90.4984, 97.8873, 98.1288.

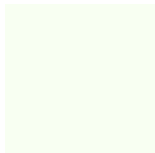


This preview shows how white text looks on a background with the XYZ color 90.4984, 97.8873,

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

90.4984, 97.8873, 98.1288



Protanopia

93.1493, 97.7204, 103.5750

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.3684, 97.7235, 108.5492

Trichromacy

**Original Color**

90.4984, 97.8873, 98.1288

Protanomaly

91.9047, 97.5998, 101.1835

Deuteranomaly

92.2134, 97.7233, 102.8093

Tritanomaly

92.1643, 97.6619, 104.4355

Monochromacy

**Original Color**

90.4984, 97.8873, 98.1288

**Achromatopsia**

91.6934, 96.4686, 105.0543

Achromatomaly

91.1780, 96.7221, 102.6706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.4984, 97.8873, 98.1288 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(248, 255, 242) looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 242)  
}
```

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(248, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 90.4984, 97.8873, 98.1288 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(248, 255, 242) }
```


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

```
.border{ border-color:rgb(248, 255, 242) }
```

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

Here you see how a box with a 4 pixel rgb(248, 255, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 90.4984, 97.8873, 98.1288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 242) }
```

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

```
.background{ background-color: rgb(248,  
255, 242) }
```

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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