

Converting Colors

XYZ(90.4590, 97.8784, 97.6086)

Have a look what the booklet for
XYZ(90.4590, 97.8784, 97.6086)
contains.

XYZ(90.3486, 97.8273, 97.3398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(90.3486, 97.8273,
97.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	F8FFF1
RGB	248, 255, 241
RGB Percent	97%, 100%, 95%
CMY	0.0274, 0.0000, 0.0549
CMYK	0.03, 0.00, 0.05, 0.00
HSL	90°, 100%, 97%
HSV	90°, 5%, 100%
XYZ	90.3486, 97.8273, 97.3398
YIQ	251.3110, 0.3220, -5.8380

Conversions

Conversions Part 2

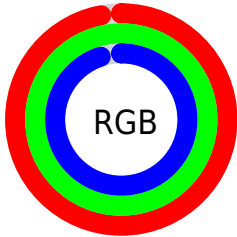
Format	Color
R _Y B	241, 255, 248
Decimal	16318449
CIE Lab	99.15, -4.73, 5.87
CIE LCh	99, 7.542, 128.845
Yxy	97.8273, 0.3164, 0.3426
Android (android.graphics.Color)	4294508529 (0xFF8FF1)
YUV	251.3110, -5.0833, -2.9037
Hunter-Lab	98.9077, -10.0351, 10.8852

Details

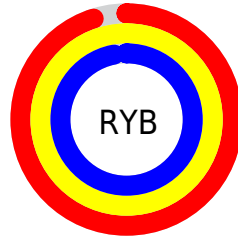
The XYZ color 90.3486, 97.8273, 97.3398 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.2174, 90.0882, 107.3470, and the grayscale version is 91.9932, 96.7840, 105.3978.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.6893, 55.0974, 53.8622 is the 20% darker color. If you saturate the color by 10%, you get 82.4348, 94.1574, 78.4580, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

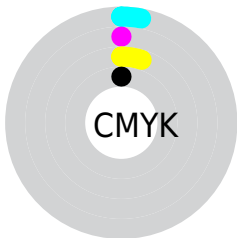
Distribution



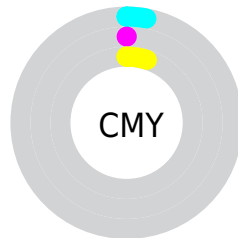
- Red (97%)
- Green (100%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 90.3486, 97.8273, 97.3398 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 90.3486, 97.8273, 97.3398 by changing the saturation by 10% instead.

90.3486, 97.8273,
97.3398

90.3486, 97.8273,
97.3398

517.3852,
553.1772, 572.8034

68.6070, 74.4904,
73.4763

146.6984,
158.1649, 159.5165

50.6672, 55.1955,
53.8713

182.0374,
195.9344, 198.6667

36.1638, 39.5582,
38.1063

222.6395,
239.2835, 243.7497

24.7314, 27.1943,
25.7628

268.8701,
288.5966, 295.1838

16.0047, 17.7192,
16.4221

321.0947,
344.2581, 353.3877

9.6184, 10.7486,
9.6657

379.6785,

5.2070, 5.8980,

406.6525, 418.7799

5.0752

444.9869,
476.1641, 491.7789

■ 2.4052, 2.7832,
2.2319

■ 0.8477, 1.0196,
0.6927

■ 90.3486, 97.8273,
97.3398

■ 90.3486, 97.8273,
97.3398

■ 82.4348, 94.1574,
78.4580

95.0500, 100.0000,
108.9000

■ 75.3332, 90.8471,
62.2810

■ 69.0149, 87.8842,
48.6860

■ 63.4479, 85.2553,
37.5387

■ 58.5978, 82.9457,
28.6930

■ 54.4271, 80.9397,
21.9873

■ 50.8938, 79.2197,
17.2385

■ 47.9499, 77.7655,
14.2335

■ 45.5376, 76.5532,
12.7082

Harmonies

Analogous

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



92.3317, 97.8273, 94.9671



90.3486, 97.8273, 97.3398



89.0847, 97.8273, 102.1962

Triad

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



90.3486, 97.8273, 97.3398



91.4606, 97.8273, 118.2442



97.2333, 97.8273, 104.6615

Complementary

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



90.3486, 97.8273, 97.3398



88.2174, 90.0882, 107.3470

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.



96.9912, 97.8273, 110.9585



90.3486, 97.8273, 97.3398



93.6352, 97.8273, 118.9680

Square

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



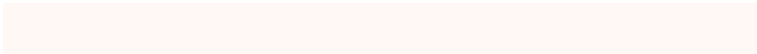
90.3486, 97.8273, 97.3398



89.7196, 97.8273, 114.3141



95.6659, 97.8273, 116.2542



96.3224, 97.8273, 99.0833

Rectangle

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



90.3486, 97.8273, 97.3398



88.8082, 97.8273, 106.2729



95.6659, 97.8273, 116.2542



97.2844, 97.8273, 106.7621

Sweetspot

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



90.3494, 97.8277, 97.3413



93.3078, 99.1955, 104.5891



90.6135, 94.6030, 96.7049



19.9900, 21.2404, 22.4315



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.



90.3494, 97.8277, 97.3413



89.1006, 97.2497, 94.3107



87.9934, 96.6132, 97.2310



18.9655, 20.7665, 19.9310



23.4708, 39.8377, 6.4524



2.4112, 3.9438, 0.6341

Inverse Universe

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



88.2174, 90.0882, 107.3470



86.4097, 87.4815, 106.9391



90.6601, 91.3475, 107.4613



18.3425, 18.5048, 22.8550



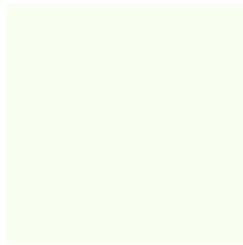
14.2151, 6.2387, 49.8895



1.5100, 0.6724, 4.8635

Previews

White Background



This preview shows how the XYZ color 90.3486, 97.8273, 97.3398 looks on a white background.

Color Contrast Check

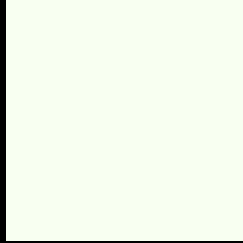
Large Text (above 18pt) WCAG AA × Fail

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 90.3486, 97.8273, 97.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

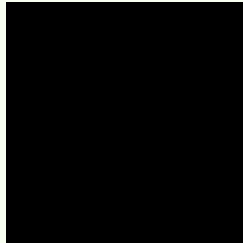
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 90.3486, 97.8273, 97.3398

Background



This preview shows how black text looks on a background with the XYZ color 90.3486, 97.8273, 97.3398.



This preview shows how white text looks on a background with the XYZ color 90.3486, 97.8273,

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

90.3486, 97.8273, 97.3398

Protanopia

92.9937, 97.6581, 102.7555

Deuteranopia

93.6211, 97.9091, 106.0594

Tritanopia

93.0053, 97.5363, 108.5322

Trichromacy

**Original Color**

90.3486, 97.8273, 97.3398

Protanomaly

91.7516, 97.5386, 100.3772

Deuteranomaly

92.2134, 97.7233, 102.8093

Tritanomaly

92.1643, 97.6619, 104.4355

Monochromacy

**Original Color**

90.3486, 97.8273, 97.3398

**Achromatopsia**

91.6934, 96.4686, 105.0543

Achromatomaly

91.0232, 96.6602, 101.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 90.3486, 97.8273, 97.3398 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, 241) looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 90.3486, 97.8273, 97.3398 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, 241) }
```


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

```
.border{ border-color:rgb(248, 255, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 90.3486, 97.8273, 97.3398 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, 241) }
```

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

```
.background{ background-color: rgb(248,  
255, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor