

Converting Colors

XYZ(91.4713, 98.4060, 97.3947)

Have a look what the booklet for
XYZ(91.4713, 98.4060, 97.3947)
contains.

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Color

**XYZ(91.4208, 98.3801,
97.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	FBFFF1
RGB	251, 255, 241
RGB Percent	98%, 100%, 95%
CMY	0.0157, 0.0000, 0.0549
CMYK	0.02, 0.00, 0.05, 0.00
HSL	77°, 100%, 97%
HSV	77°, 5%, 100%
XYZ	91.4208, 98.3801, 97.3900
YIQ	252.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

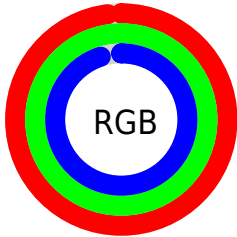
Format	Color
R _{YB}	241, 255, 245
Decimal	16515057
CIE Lab	99.37, -3.73, 6.21
CIE LCh	99, 7.246, 120.951
Yxy	98.3801, 0.3183, 0.3426
Android (android.graphics.Color)	4294705137 (0xFFFBFFF1)
YUV	252.2080, -5.5255, -1.0594
Hunter-Lab	99.1867, -9.0527, 11.2147

Details

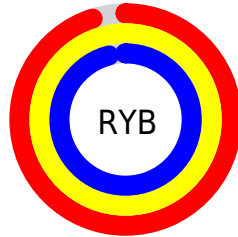
The XYZ color 91.4208, 98.3801, 97.3900 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1623, 89.5443, 107.2976, and the grayscale version is 92.7436, 97.5735, 106.2576.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 51.1992, 55.3603, 53.8861 is the 20% darker color. If you saturate the color by 10%, you get 85.3004, 95.6346, 78.5922, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

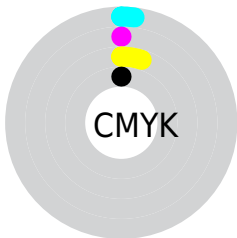
Distribution



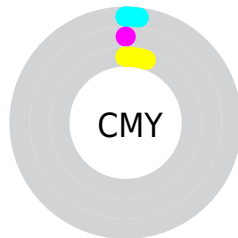
- Red (98%)
- Green (100%)
- Blue (95%)



- Red (95%)
- Yellow (100%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 91.4208, 98.3801, 97.3900 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 91.4208, 98.3801, 97.3900 by changing the saturation by 10% instead.

91.4208, 98.3801,
97.3900

91.4208, 98.3801,
97.3900

520.8112,
554.9303, 572.9670

69.4998, 74.9514,
73.5179

148.1787,
158.9262, 159.5862

51.3970, 55.5731,
53.9052

183.7464,
196.8124, 198.7475

36.7470, 39.8607,
38.1332

224.5936,
240.2865, 243.8422

25.1844, 27.4300,
25.7834

271.0858,
289.7330, 295.2890

16.3440, 17.8964,
16.4374

323.5883,
345.5362, 353.5063

9.8603, 10.8756,
9.6765

382.4665,

5.3680, 5.9833,

408.0806, 418.9127

5.0822

448.0856,
477.7505, 491.9267

■ 2.5017, 2.8349,
2.2360

■ 0.8961, 1.0462,
0.6950

■ 91.4208, 98.3801,
97.3900

■ 91.4208, 98.3801,
97.3900

■ 85.3004, 95.6346,
78.5922

95.0500, 100.0000,
108.9000

■ 79.7903, 93.1447,
62.4896

■ 74.8666, 90.9009,
48.9598

■ 70.5027, 88.8922,
37.8688

■ 66.6698, 87.1070,
29.0708

■ 63.3360, 85.5325,
22.4042

■ 60.4654, 84.1541,
17.6865

■ 58.0164, 82.9550,
14.7046

■ 55.9375, 81.9146,
13.1949

Harmonies

Analogous

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



93.4395, 98.3801, 95.8355



91.4208, 98.3801, 97.3900



89.9793, 98.3801, 101.5350

Triad

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



91.4208, 98.3801, 97.3900



91.5366, 98.3801, 117.6824



97.6542, 98.3801, 106.9251

Complementary

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



91.4208, 98.3801, 97.3900



87.1623, 89.5443, 107.2976

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.



97.1264, 98.3801, 112.9045



91.4208, 98.3801, 97.3900



93.5752, 98.3801, 119.2556

Square

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



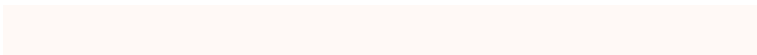
91.4208, 98.3801, 97.3900



90.0454, 98.3801, 113.2534



95.6254, 98.3801, 117.4757



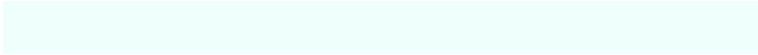
97.0569, 98.3801, 101.2106

Rectangle

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



91.4208, 98.3801, 97.3900



89.5284, 98.3801, 105.2885



95.6254, 98.3801, 117.4757



97.6024, 98.3801, 108.9710

Sweetspot

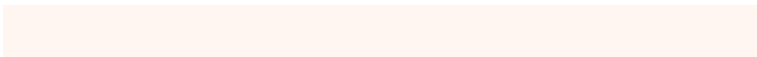
The Sweet Spot groups the original color and five complimentary colors.



91.4216, 98.3804, 97.3915



93.7057, 99.4006, 104.6077



89.7602, 92.8965, 96.4205



20.0710, 21.2821, 22.4353



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.



91.4216, 98.3804, 97.3915



90.4568, 97.9489, 94.3742



88.9578, 97.1103, 97.2762



19.2798, 20.9285, 19.9457



28.9391, 42.6568, 6.7083



2.9254, 4.2088, 0.6582

Inverse Universe

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



87.1623, 89.5443, 107.2976



85.0812, 86.7966, 106.8769



89.6388, 90.8210, 107.4135



18.0352, 18.3464, 22.8406



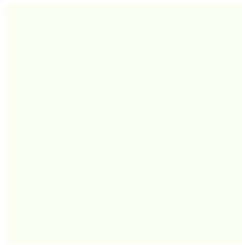
10.9871, 4.5745, 49.7385



1.1717, 0.4980, 4.8476

Previews

White Background



This preview shows how the XYZ color 91.4208, 98.3801, 97.3900 looks on a white background.

Color Contrast Check

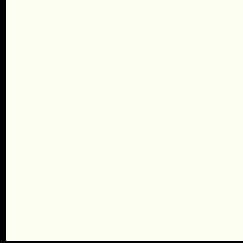
Large Text (above 18pt) WCAG AA × Fail

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 91.4208, 98.3801, 97.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

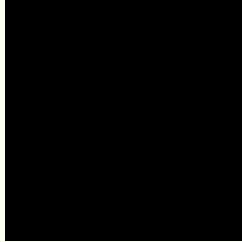
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 91.4208, 98.3801, 97.3900

Background



This preview shows how black text looks on a background with the XYZ color 91.4208, 98.3801, 97.3900.



This preview shows how white text looks on a background with the XYZ color 91.4208, 98.3801, 97.3900.

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

A vertical column of three color swatches. The top swatch is a light yellow-green, the middle is a light orange, and the bottom is a light pink. Each swatch is associated with a label and a set of three numerical values.

Original Color

91.4208, 98.3801, 97.3900

Protanopia

93.6206, 98.4127, 104.5037

Deuteranopia

94.0949, 98.6024, 107.0013

Tritanopia

93.6833, 98.3532, 108.6542

Trichromacy

Original Color

91.4208, 98.3801, 97.3900

Protanomaly

93.1034, 98.6699, 102.1338

Deuteranomaly

93.4137, 98.7940, 103.7683

Tritanomaly

92.8420, 98.4812, 104.5580

Monochromacy

Original Color

91.4208, 98.3801, 97.3900

Achromatopsia

92.5260, 97.3445, 106.0082

Achromatomaly

92.2134, 97.7233, 102.8093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 91.4208, 98.3801, 97.3900 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, 255, 241) looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 91.4208, 98.3801, 97.3900 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, 255, 241) }
```


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

```
.border{ border-color:rgb(251, 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(251, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 91.4208, 98.3801, 97.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 255, 241) }
```

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

```
.background{ background-color: rgb(251,  
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](#).

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