

Converting Colors

XYZ(95.2808, 100.0000,
97.3924)

Have a look what the booklet for
XYZ(95.2808, 100.0000, 97.3924)
contains.

XYZ(92.5590, 98.4945, 97.3520)	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(92.5590, 98.4945,
97.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEF1
RGB	255, 254, 241
RGB Percent	100%, 100%, 95%
CMY	0.0000, 0.0039, 0.0549
CMYK	0.00, 0.00, 0.05, 0.00
HSL	56°, 100%, 97%
HSV	56°, 5%, 100%
XYZ	92.5590, 98.4945, 97.3520
YIQ	252.8170, 4.7690, -3.8310

Conversions

Conversions Part 2

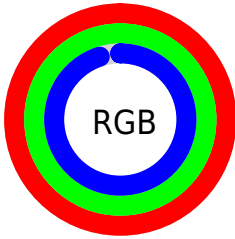
Format	Color
R_{YB}	242, 255, 241
Decimal	16776945
CIE _{Lab}	99.41, -1.88, 6.32
CIE _{LCh}	99, 6.590, 106.571
Yxy	98.4945, 0.3209, 0.3415
Android (android.graphics.Color)	4294967025 (0xFFFFFEF1)
YUV	252.8170, -5.8258, 1.9145
Hunter-Lab	99.2444, -7.2020, 11.3116

Details

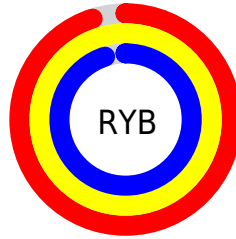
The XYZ color 92.5590, 98.4945, 97.3520 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.0771, 89.4227, 107.3313, and the grayscale version is 93.2571, 98.1137, 106.8458.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 52.0119, 55.4411, 53.8588 is the 20% darker color. If you saturate the color by 10%, you get 88.4422, 95.9359, 78.4846, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

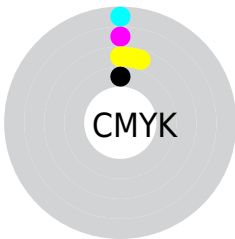
Distribution



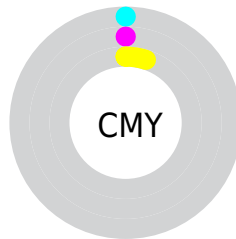
- Red (100%)
- Green (100%)
- Blue (95%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 92.5590, 98.4945, 97.3520 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 92.5590, 98.4945, 97.3520 by changing the saturation by 10% instead.


 92.5590, 98.4945,
97.3520

 92.5590, 98.4945,
97.3520


524.4351,
555.2928, 572.8431

 70.4483, 75.0468,
73.4864

149.7483,
159.0837, 159.5334

 52.1730, 55.6513,
53.8796


185.5576,
196.9940, 198.6864

 37.3678, 39.9234,
38.1129


226.6637,
240.4940, 243.7722

 25.6674, 27.4788,
25.7678

273.4321,
289.9680, 295.2094

 16.7063, 17.9332,
16.4258

326.2281,
345.8005, 353.4165

 10.1193, 10.9020,
9.6683

385.4170,

 5.5410, 6.0010,

408.3759, 418.8122

5.0769

451.3642,
478.0785, 491.8149

■ 2.6060, 2.8457,
2.2329

■ 0.9490, 1.0517,
0.6933

■ 92.5590, 98.4945,
97.3520

■ 92.5590, 98.4945,
97.3520

■ 88.4422, 95.9359,
78.4846

95.0500, 100.0000,
108.9000

■ 84.8399, 93.5887,
62.3091

■ 81.7307, 91.4473,
48.7035

■ 79.0891, 89.5016,
37.5339

■ 76.8875, 87.7405,
28.6545

■ 75.0951, 86.1517,
21.9039

■ 73.6773, 84.7213,
17.0996

■ 72.5937, 83.4331,
14.0285

■ 71.7942, 82.2669,
12.4272

Harmonies

Analogous

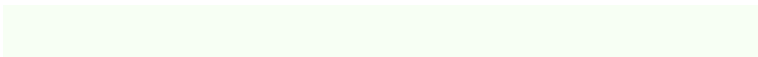
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4828, 98.4945, 97.2103



92.5590, 98.4945, 97.3520



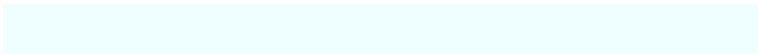
90.9401, 98.4945, 100.0844

Triad

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



92.5590, 98.4945, 97.3520



91.0817, 98.4945, 115.1693



97.2816, 98.4945, 109.7374

Complementary

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



92.5590, 98.4945, 97.3520



86.0771, 89.4227, 107.3313

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.



96.3440, 98.4945, 114.7367



92.5590, 98.4945, 97.3520



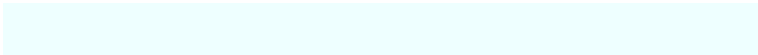
92.7547, 98.4945, 117.9449

Square

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



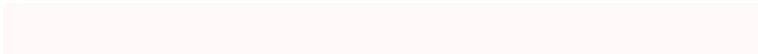
92.5590, 98.4945, 97.3520



90.0952, 98.4945, 110.3114



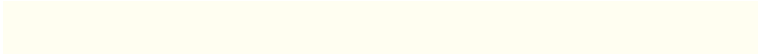
94.6812, 98.4945, 117.7839



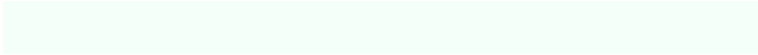
97.2274, 98.4945, 104.2335

Rectangle

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



92.5590, 98.4945, 97.3520



90.2437, 98.4945, 103.0627



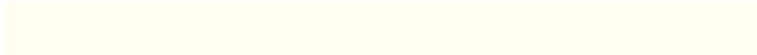
94.6812, 98.4945, 117.7839



97.0714, 98.4945, 111.5364

Sweetspot

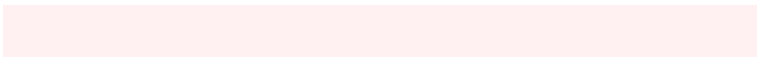
The Sweet Spot groups the original color and five complimentary colors.



92.5612, 98.4985, 97.3541



94.1242, 99.4450, 104.5942



88.7481, 90.5926, 96.9456



20.1562, 21.2912, 22.4326



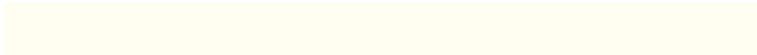
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



92.5612, 98.4985, 97.3541



91.9050, 98.0973, 94.3265



90.7641, 98.0415, 97.3606



19.6161, 20.9628, 19.9346



37.4039, 42.8191, 6.2935



3.6736, 4.2326, 0.6234

Inverse Universe

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



86.0771, 89.4227, 107.3313



83.7213, 86.6427, 106.9189



87.8052, 89.8757, 107.3277



17.7212, 18.3107, 22.8503



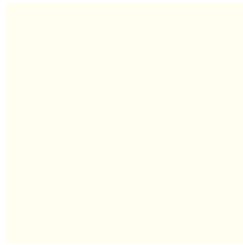
9.5829, 4.0755, 49.7161



0.9674, 0.4656, 4.8521

Previews

White Background



This preview shows how the XYZ color 92.5590, 98.4945, 97.3520 looks on a white background.

Color Contrast Check

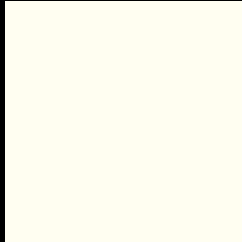
Large Text (above 18pt) WCAG AA × Fail

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 92.5590, 98.4945, 97.3520 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 92.5590, 98.4945, 97.3520

Background



This preview shows how black text looks on a background with the XYZ color 92.5590, 98.4945, 97.3520.



This preview shows how white text looks on a background with the XYZ color 92.5590, 98.4945, 97.3520.

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**

92.5590, 98.4945, 97.3520

**Protanopia**

93.6206, 98.4127, 104.5037

**Deuteranopia**

94.0949, 98.6024, 107.0013

Tritanopia

94.0483, 98.5414, 108.6713

Trichromacy

Original Color

92.5590, 98.4945, 97.3520

Protanomaly

93.1538, 98.2260, 102.0455

Deuteranomaly

93.4642, 98.3501, 103.6799

Tritanomaly

93.2536, 98.2235, 104.4865

Monochromacy

Original Color

92.5590, 98.4945, 97.3520

Achromatopsia

93.3629, 98.2251, 106.9671

Achromatomaly

93.0972, 98.1609, 103.6627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 92.5590, 98.4945, 97.3520 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, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 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(255, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 241) }
```

Border

The CSS property to change the border of an element to XYZ 92.5590, 98.4945, 97.3520 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, 254, 241) }
```


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

```
.border{ border-color:rgb(255, 254, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 92.5590, 98.4945, 97.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 241) }
```

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

```
.background{ background-color: rgb(255,  
254, 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