

Converting Colors

XYZ(89.5345, 94.0455, 97.0549)

Have a look what the booklet for
XYZ(89.5345, 94.0455, 97.0549)
contains.

XYZ(89.7393, 94.2411, 97.4650)	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(89.7393, 94.2411,
97.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF8F2
RGB	252, 248, 242
RGB Percent	99%, 97%, 95%
CMY	0.0118, 0.0274, 0.0510
CMYK	0.00, 0.02, 0.04, 0.01
HSL	36°, 63%, 97%
HSV	36°, 4%, 99%
XYZ	89.7393, 94.2411, 97.4650
YIQ	248.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

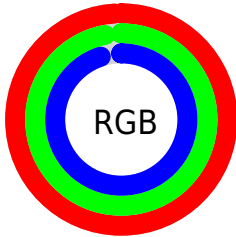
Format	Color
R _Y B	249, 252, 242
Decimal	16578802
CIE Lab	97.73, 0.30, 3.34
CIE LCh	98, 3.349, 84.816
Yxy	94.2411, 0.3189, 0.3348
Android (android.graphics.Color)	4294768882 (0xFFFCF8F2)
YUV	248.5120, -3.2104, 3.0590
Hunter-Lab	97.0779, -4.8799, 8.4281

Details

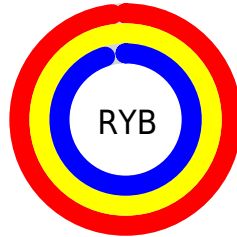
The XYZ color 89.7393, 94.2411, 97.4650 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.1443, 91.8156, 105.2258, and the grayscale version is 89.6675, 94.3372, 102.7332.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2182, 52.8465, 54.0080 is the 20% darker color. If you saturate the color by 10%, you get 83.2004, 86.8079, 77.8809, and if you desaturate by 10%, it is 93.9554, 99.4357, 108.8488.

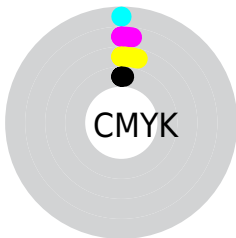
Distribution



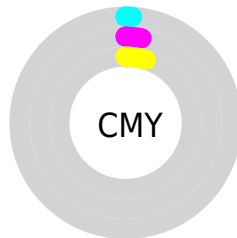
- Red (99%)
- Green (97%)
- Blue (95%)



- Red (98%)
- Yellow (99%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.7393, 94.2411, 97.4650 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 89.7393, 94.2411, 97.4650 by changing the saturation by 10% instead.


 89.7393, 94.2411,
97.4650

 89.7393, 94.2411,
97.4650


515.4330,
541.7326, 573.2114

 68.1000, 71.5035,
73.5801

145.8564,
153.2157, 159.6905

 50.2531, 52.7532,
53.9557


181.0649,
190.2216, 198.8682

 35.8331, 37.6058,
38.1733


221.5272,
232.7523, 243.9805

 24.4749, 25.6769,
25.8144

267.6087,
281.1922, 295.4461

 15.8129, 16.5821,
16.4603

319.6746,
335.9258, 353.6834

 9.4819, 9.9370,
9.6926

378.0904,

 5.1164, 5.3572,

397.3375, 419.1110

5.0927

443.2214,
465.8116, 492.1475

■ 2.3512, 2.4583,
2.2421

■ 0.8207, 0.8557,
0.6985

■ 89.7393, 94.2411,
97.4650

■ 89.7393, 94.2411,
97.4650

■ 83.2004, 86.8079,
77.8809

■ 93.9554, 99.4357,
108.8488

■ 77.3231, 79.8987,
60.9846

■ 72.0850, 73.5032,
46.6580

■ 67.4588, 67.6062,
34.7717

■ 63.4152, 62.1914,
25.1851

■ 59.9221, 57.2415,
17.7431

■ 56.9435, 52.7373,
12.2708

■ 54.4381, 48.6574,
8.5660

■ 52.3561, 44.9770,
6.3814

Harmonies

Analogous

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



90.6353, 94.2411, 98.3752



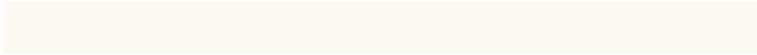
89.7393, 94.2411, 97.4650



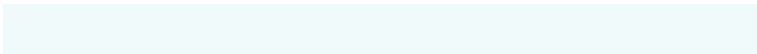
88.8050, 94.2411, 97.9140

Triad

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



89.7393, 94.2411, 97.4650



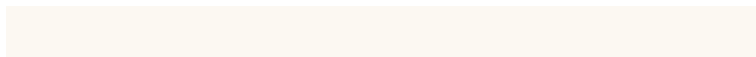
87.9174, 94.2411, 104.8351



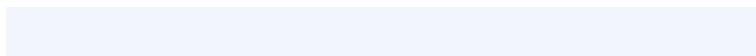
91.0822, 94.2411, 105.6719

Complementary

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



89.7393, 94.2411, 97.4650



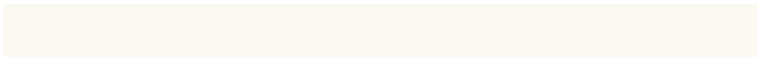
87.1443, 91.8156, 105.2258

Split Complementary

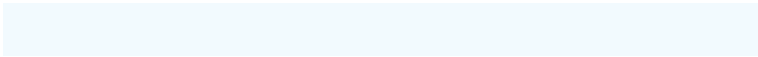
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3461, 94.2411, 107.4590



89.7393, 94.2411, 97.4650



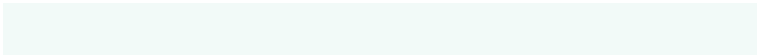
88.5197, 94.2411, 106.9699

Square

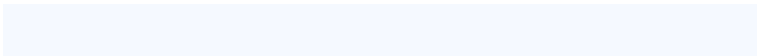
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.7393, 94.2411, 97.4650



87.7575, 94.2411, 102.1383



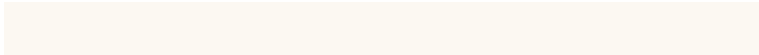
89.4076, 94.2411, 107.9382



91.4141, 94.2411, 103.0883

Rectangle

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



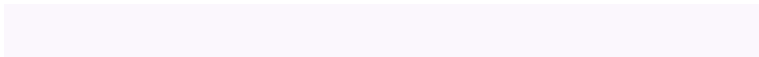
89.7393, 94.2411, 97.4650



88.2856, 94.2411, 98.9280



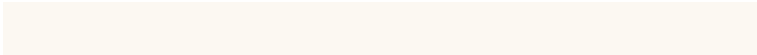
89.4076, 94.2411, 107.9382



90.8735, 94.2411, 106.3875

Sweetspot

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



89.7419, 94.2452, 97.4670



94.3179, 99.1885, 106.6440



88.5328, 90.8549, 100.0606



20.1956, 21.2390, 22.8500



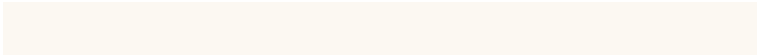
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.7419, 94.2452, 97.4670



91.4610, 95.9986, 97.9105



90.6223, 96.5420, 97.8640



18.6417, 19.5592, 19.7624



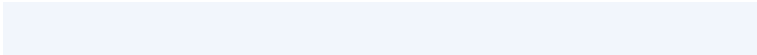
26.8514, 22.6594, 2.9585



2.5906, 2.3060, 0.3086

Inverse Universe

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



87.1443, 91.8156, 105.2258



88.1199, 92.8737, 107.8897



86.2863, 89.5887, 104.8411



17.8661, 18.8338, 22.0789



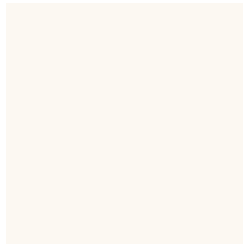
11.6956, 8.7467, 49.0454



1.1837, 1.0111, 4.5760

Previews

White Background



This preview shows how the XYZ color 89.7393, 94.2411, 97.4650 looks on a white background.

Color Contrast Check

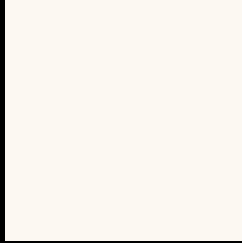
Large Text (above 18pt) WCAG AA × Fail

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 89.7393, 94.2411, 97.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

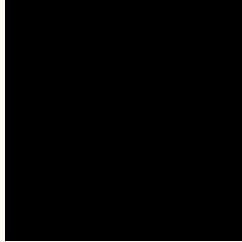
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.7393, 94.2411, 97.4650

Background



This preview shows how black text looks on a background with the XYZ color 89.7393, 94.2411, 97.4650.



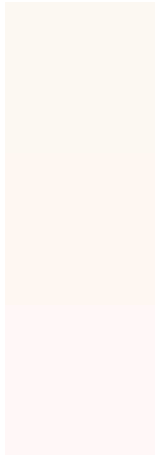
This preview shows how white text looks on a background with the XYZ color 89.7393, 94.2411,

97.450.

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

89.7393, 94.2411, 97.4650

Protanopia

90.1608, 94.0032, 97.3968

Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

91.0944, 94.2508, 107.9988

Trichromacy



Original Color

89.7393, 94.2411, 97.4650

Protanomaly

89.7958, 93.8150, 97.3798

Deuteranomaly

90.6152, 94.1849, 99.7898

Tritanomaly

90.2997, 93.9329, 103.8140

Monochromacy



Original Color

89.7393, 94.2411, 97.4650

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.9346, 94.7292, 100.7333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.7393, 94.2411, 97.4650 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(252, 248, 242) looks like.

```
.text, #text, p{  
    color:rgb(252, 248, 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(252, 248, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 248, 242) }
```

Border

The CSS property to change the border of an element to XYZ 89.7393, 94.2411, 97.4650 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(252, 248, 242) }
```


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

```
.border{ border-color:rgb(252, 248, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 248, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 248, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 248, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 248,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 89.7393, 94.2411, 97.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 248, 242) }
```

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

```
.background{ background-color: rgb(252,  
248, 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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