

Converting Colors

XYZ(89.7178, 93.7111, 98.9488)

Have a look what the booklet for
XYZ(89.7178, 93.7111, 98.9488)
contains.

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Color

**XYZ(89.7348, 93.7486,
98.9537)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF7F4
RGB	252, 247, 244
RGB Percent	99%, 97%, 96%
CMY	0.0118, 0.0313, 0.0431
CMYK	0.00, 0.02, 0.03, 0.01
HSL	23°, 57%, 97%
HSV	23°, 3%, 99%
XYZ	89.7348, 93.7486, 98.9537
YIQ	248.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

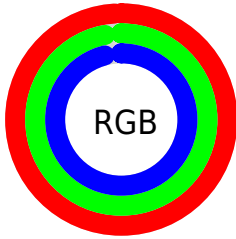
Format	Color
R _Y B	252, 249, 244
Decimal	16578548
CIE Lab	97.53, 1.15, 2.02
CIE LCh	98, 2.321, 60.310
Yxy	93.7486, 0.3177, 0.3319
Android (android.graphics.Color)	4294768628 (0xFFFCF7F4)
YUV	248.1530, -2.0474, 3.3738
Hunter-Lab	96.8239, -4.0108, 7.1825

Details

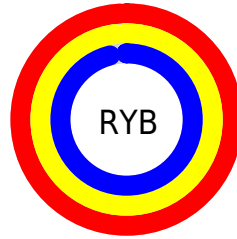
The XYZ color 89.7348, 93.7486, 98.9537 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.7546, 94.0115, 105.5650, and the grayscale version is 89.3645, 94.0184, 102.3860.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2136, 52.4945, 55.0629 is the 20% darker color. If you saturate the color by 10%, you get 81.5569, 83.1024, 78.6228, and if you desaturate by 10%, it is 93.9555, 99.4357, 108.8488.

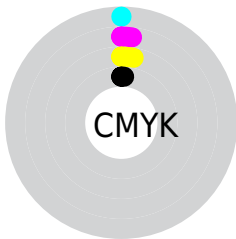
Distribution



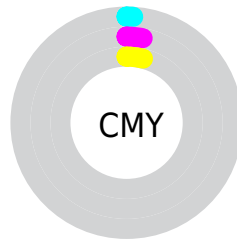
- Red (99%)
- Green (97%)
- Blue (96%)



- Red (99%)
- Yellow (98%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.7348, 93.7486, 98.9537 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 89.7348, 93.7486, 98.9537 by changing the saturation by 10% instead.

 89.7348, 93.7486,
98.9537

 89.7348, 93.7486,
98.9537


515.4186,
540.1510, 578.0509

 68.0963, 71.0939,
74.8150


145.8502,
152.5346, 161.7579

 50.2500, 52.4188,
54.9605


181.0577,
189.4347, 201.2605

 35.8307, 37.3390,
38.9717

221.5190,
231.8520, 246.7215

 24.4730, 25.4701,
26.4301

267.5994,
280.1709, 298.5593

 15.8115, 16.4276,
16.9170

319.6641,
334.7759, 357.1927

 9.4808, 9.8273,
10.0140

378.0787,

 5.1157, 5.2846,

396.0513, 423.0400

5.3025

443.2084,
464.3815, 496.5199

■ 2.3508, 2.4152,
2.3640

■ 0.8205, 0.8337,
0.7667

■ 89.7348, 93.7486,
98.9537

■ 89.7348, 93.7486,
98.9537

■ 81.5569, 83.1024,
78.6228

93.9555, 99.4357,
108.8488

■ 74.2746, 73.4454,
61.0662

■ 67.8578, 64.7519,
46.1640

■ 62.2714, 56.9905,
33.7848

■ 57.4777, 50.1282,
23.7861

■ 53.4359, 44.1296,
16.0112

■ 50.1009, 38.9566,
10.2839

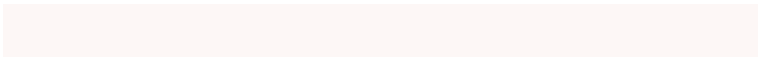
■ 47.4216, 34.5678,
6.4011

■ 45.3381, 30.9166,
4.1165

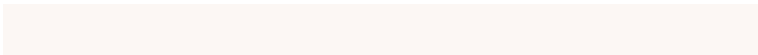
Harmonies

Analogous

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



90.2045, 93.7486, 100.2543



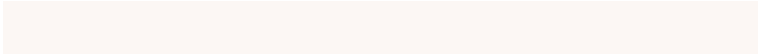
89.7348, 93.7486, 98.9537



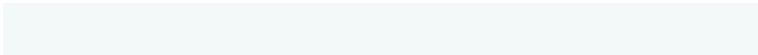
89.0984, 93.7486, 98.4875

Triad

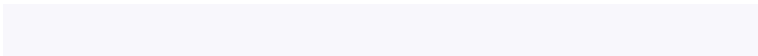
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.7348, 93.7486, 98.9537



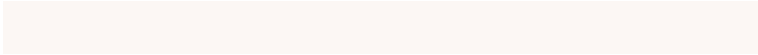
87.8432, 93.7486, 102.0960



89.7468, 93.7486, 105.2438

Complementary

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



89.7348, 93.7486, 98.9537



88.7546, 94.0115, 105.5650

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.



89.1121, 93.7486, 105.7512



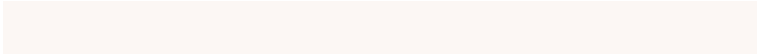
89.7348, 93.7486, 98.9537



88.0150, 93.7486, 103.9202

Square

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



89.7348, 93.7486, 98.9537



88.0081, 93.7486, 100.2880



88.4786, 93.7486, 105.2639



90.2114, 93.7486, 103.8857

Rectangle

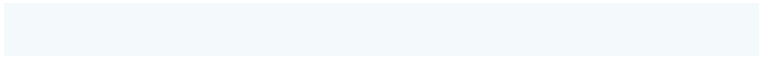
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.7348, 93.7486, 98.9537



88.6658, 93.7486, 98.7081



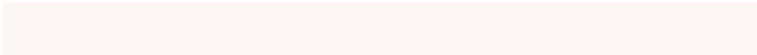
88.4786, 93.7486, 105.2639



89.5461, 93.7486, 105.5203

Sweetspot

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



89.7374, 93.7527, 98.9557



94.1362, 98.8250, 106.5834



89.6062, 92.2420, 102.7601



20.1587, 21.1650, 22.8377



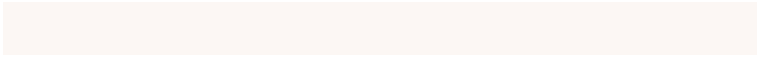
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.7374, 93.7527, 98.9557



91.4525, 95.3635, 99.8131



90.9517, 96.1812, 99.3605



18.6054, 19.3676, 20.1169



23.1564, 15.2695, 1.7268



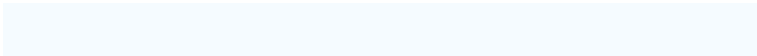
2.2429, 1.6106, 0.1927

Inverse Universe

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



88.7546, 94.0115, 105.5650



90.1866, 95.6969, 108.3257



87.5529, 91.6080, 105.1644



18.2994, 19.4481, 22.1747



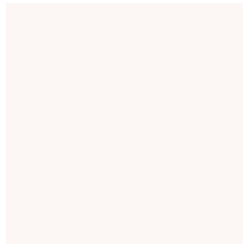
15.6121, 16.5797, 50.3509



1.5478, 1.7393, 4.6973

Previews

White Background



This preview shows how the XYZ color 89.7348, 93.7486, 98.9537 looks on a white background.

Color Contrast Check

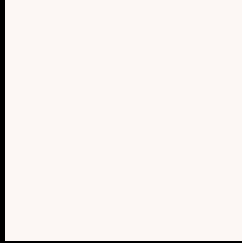
Large Text (above 18pt) WCAG AA × Fail

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 89.7348, 93.7486, 98.9537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

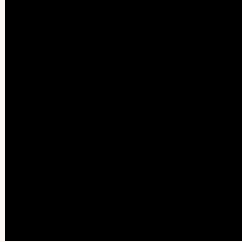
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.7348, 93.7486, 98.9537

Background



This preview shows how black text looks on a background with the XYZ color 89.7348, 93.7486, 98.9537.



This preview shows how white text looks on a background with the XYZ color 89.7348, 93.7486,

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

89.7348, 93.7486, 98.9537

Protanopia

90.0979, 93.9358, 98.9707

Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

90.7894, 93.6408, 107.8971

Trichromacy



Original Color

89.7348, 93.7486, 98.9537

Protanomaly

90.0979, 93.9358, 98.9707

Deuteranomaly

90.4634, 93.6362, 100.4944

Tritanomaly

90.1520, 93.3858, 104.5405

Monochromacy



Original Color

89.7348, 93.7486, 98.9537

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.4228, 93.9899, 101.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.7348, 93.7486, 98.9537 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, 247, 244) looks like.

```
.text, #text, p{  
    color:rgb(252, 247, 244)  
}
```

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, 247, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 247, 244) }
```

Border

The CSS property to change the border of an element to XYZ 89.7348, 93.7486, 98.9537 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, 247, 244) }
```


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

```
.border{ border-color:rgb(252, 247, 244) }
```

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

Here you see how a box with a 4 pixel rgb(252, 247, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 247, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 247, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 247,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 89.7348, 93.7486, 98.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 247, 244) }
```

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

```
.background{ background-color: rgb(252,  
247, 244) }
```

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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