

Converting Colors

XYZ(89.5967, 94.7466, 97.9042)

Have a look what the booklet for
XYZ(89.5967, 94.7466, 97.9042)
contains.

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Color

**XYZ(89.3270, 94.4862,
97.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF9F2
RGB	250, 249, 242
RGB Percent	98%, 98%, 95%
CMY	0.0196, 0.0235, 0.0510
CMYK	0.00, 0.00, 0.03, 0.02
HSL	53°, 44%, 96%
HSV	53°, 3%, 98%
XYZ	89.3270, 94.4862, 97.5340
YIQ	248.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

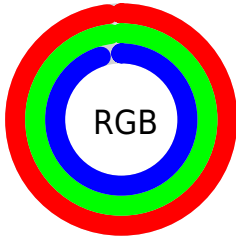
Format	Color
R_{YB}	243, 250, 242
Decimal	16447986
CIE _{Lab}	97.83, -0.87, 3.46
CIE _{LCh}	98, 3.568, 104.184
Yxy	94.4862, 0.3175, 0.3358
Android (android.graphics.Color)	4294638066 (0xFFFAF9F2)
YUV	248.5010, -3.2050, 1.3146
Hunter-Lab	97.2040, -6.0719, 8.5515

Details

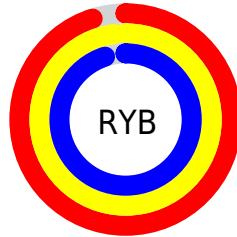
The XYZ color 89.3270, 94.4862, 97.5340 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.9237, 89.8791, 103.2633, and the grayscale version is 89.6592, 94.3285, 102.7237.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1810, 53.1544, 54.0694 is the 20% darker color. If you saturate the color by 10%, you get 84.8736, 91.1824, 78.7734, and if you desaturate by 10%, it is 92.3217, 97.2380, 108.5107.

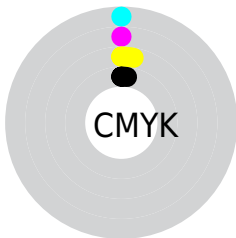
Distribution



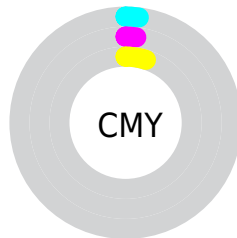
- Red (98%)
- Green (98%)
- Blue (95%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.3270, 94.4862, 97.5340 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 89.3270, 94.4862, 97.5340 by changing the saturation by 10% instead.


 89.3270, 94.4862,
97.5340

 89.3270, 94.4862,
97.5340


514.1098,
542.5188, 573.4361

 67.7570, 71.7074,
73.6373


145.2863,
153.5546, 159.7864

 49.9730, 52.9197,
54.0023


180.4064,
190.6130, 198.9792

 35.6097, 37.7387,
38.2103


220.7738,
233.2000, 244.1077

 24.3016, 25.7799,
25.8428

266.7541,
281.7001, 295.5906

 15.6835, 16.6591,
16.4814

318.7124,
336.4976, 353.8463

 9.3899, 9.9917,
9.7074

377.0143,

 5.0555, 5.3935,

397.9770, 419.2935

5.1023

442.0249,
466.5226, 492.3506

■ 2.3149, 2.4799,
2.2476

■ 0.8023, 0.8666,
0.7017

■ 89.3270, 94.4862,
97.5340

■ 89.3270, 94.4862,
97.5340

■ 84.8736, 91.1824,
78.7734

■ 92.3217, 97.2380,
108.5107

■ 80.9260, 88.1033,
62.6104

■ 93.2348, 99.0642,
108.8150

■ 77.4648, 85.2439,
48.9308

■ 74.4660, 82.5946,
37.6092

■ 71.9039, 80.1449,
28.5097

■ 69.7498, 77.8833,
21.4822

■ 67.9716, 75.7968,
16.3581

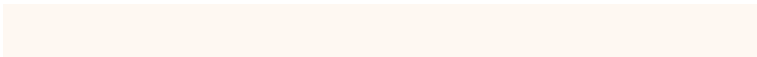
■ 66.5322, 73.8704,
12.9423

■ 65.3866, 72.0859,
10.9981

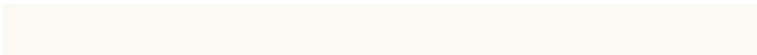
Harmonies

Analogous

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



90.3414, 94.4862, 97.5739



89.3270, 94.4862, 97.5340



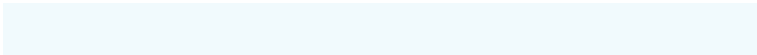
88.4475, 94.4862, 98.9074

Triad

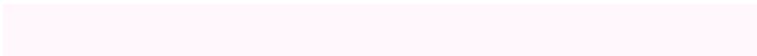
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3270, 94.4862, 97.5340



88.4085, 94.4862, 106.8405



91.7048, 94.4862, 104.4165

Complementary

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



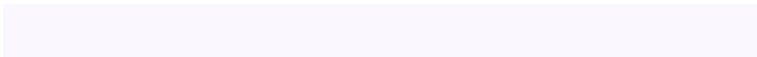
89.3270, 94.4862, 97.5340



85.9237, 89.8791, 103.2633

Split Complementary

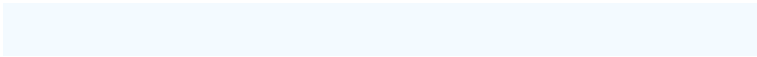
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1789, 94.4862, 106.9564



89.3270, 94.4862, 97.5340



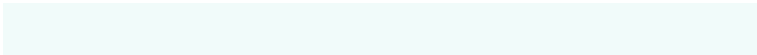
89.2733, 94.4862, 108.3738

Square

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



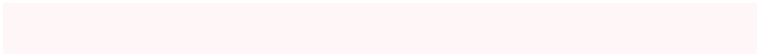
89.3270, 94.4862, 97.5340



87.9199, 94.4862, 104.2607



90.2873, 94.4862, 108.4166



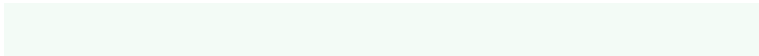
91.7195, 94.4862, 101.5104

Rectangle

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



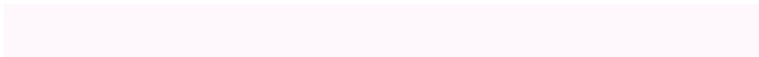
89.3270, 94.4862, 97.5340



88.0539, 94.4862, 100.4549



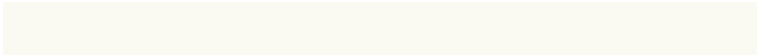
90.2873, 94.4862, 108.4166



91.5818, 94.4862, 105.3427

Sweetspot

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



89.3296, 94.4903, 97.5361



94.5410, 99.6346, 106.7183



87.3654, 90.3047, 97.6741



20.2410, 21.3298, 22.8651



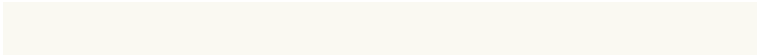
0.0000, 0.0000, 0.0000



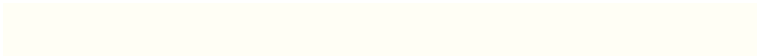
20.3446, 21.4041, 23.3091

Same Dimension

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



89.3296, 94.4903, 97.5361



93.0474, 98.5534, 100.3448



88.5951, 94.5695, 97.5900



18.9914, 20.1396, 20.2456



34.4078, 37.7722, 5.4773



3.2368, 3.5985, 0.5240

Inverse Universe

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



85.9237, 89.8791, 103.2633



88.6132, 92.5500, 107.8013



86.6416, 89.8083, 103.2117



17.9195, 18.6884, 22.0481



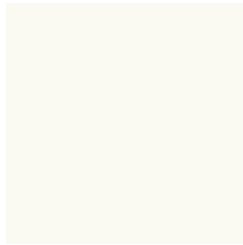
9.4687, 4.2929, 48.3031



0.9303, 0.5044, 4.4915

Previews

White Background



This preview shows how the XYZ color 89.3270, 94.4862, 97.5340 looks on a white background.

Color Contrast Check

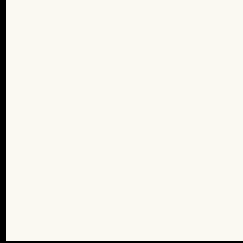
Large Text (above 18pt) WCAG AA × Fail

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 89.3270, 94.4862, 97.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

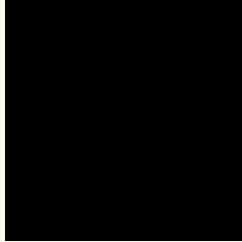
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.3270, 94.4862, 97.5340

Background



This preview shows how black text looks on a background with the XYZ color 89.3270, 94.4862, 97.5340.

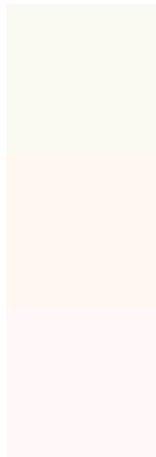


This preview shows how white text looks on a background with the XYZ color 89.3270, 94.4862, 97.5340.

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

89.3270, 94.4862, 97.5340

Protanopia

90.6846, 94.7457, 96.7272

Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

91.4011, 94.8640, 108.1010

Trichromacy



Original Color

89.3270, 94.4862, 97.5340

Protanomaly

89.9526, 94.3683, 96.6930

Deuteranomaly

90.7100, 94.6713, 100.6812

Tritanomaly

90.6064, 94.5462, 103.9162

Monochromacy



Original Color

89.3270, 94.4862, 97.5340

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.5772, 94.5449, 100.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.3270, 94.4862, 97.5340 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(250, 249, 242) looks like.

```
.text, #text, p{  
    color:rgb(250, 249, 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(250, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 249, 242) }
```

Border

The CSS property to change the border of an element to XYZ 89.3270, 94.4862, 97.5340 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(250, 249, 242) }
```


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

```
.border{ border-color:rgb(250, 249, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 249, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(250, 249,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 89.3270, 94.4862, 97.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 249, 242) }
```

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

```
.background{ background-color: rgb(250,  
249, 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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