

Converting Colors

XYZ(88.9479, 94.4647, 93.9765)

Have a look what the booklet for
XYZ(88.9479, 94.4647, 93.9765)
contains.

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Color

**XYZ(88.9454, 94.3750,
93.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF9ED
RGB	251, 249, 237
RGB Percent	98%, 98%, 93%
CMY	0.0157, 0.0235, 0.0706
CMYK	0.00, 0.01, 0.06, 0.02
HSL	51°, 64%, 96%
HSV	51°, 6%, 98%
XYZ	88.9454, 94.3750, 93.6490
YIQ	248.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

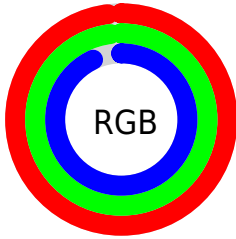
Format	Color
R_{YB}	239, 251, 237
Decimal	16513517
CIE Lab	97.78, -1.38, 5.98
CIE LCh	98, 6.134, 103.003
Yxy	94.3750, 0.3211, 0.3407
Android (android.graphics.Color)	4294703597 (0xFFFBF9ED)
YUV	248.2300, -5.5364, 2.4293
Hunter-Lab	97.1468, -6.5763, 10.8475

Details

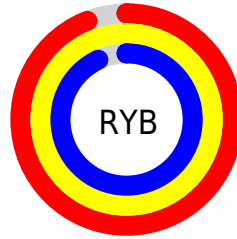
The XYZ color 88.9454, 94.3750, 93.6490 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.2041, 86.7013, 103.6176, and the grayscale version is 89.4545, 94.1131, 102.4891.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6586, 52.9455, 51.3183 is the 20% darker color. If you saturate the color by 10%, you get 84.4376, 90.8224, 75.3024, and if you desaturate by 10%, it is 92.8281, 97.7174, 108.5765.

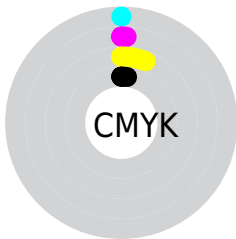
Distribution



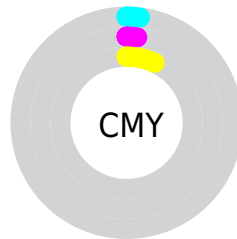
- Red (98%)
- Green (98%)
- Blue (93%)



- Red (94%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9454, 94.3750, 93.6490 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 88.9454, 94.3750, 93.6490 by changing the saturation by 10% instead.

88.9454, 94.3750,
93.6490

88.9454, 94.3750,
93.6490

512.8835,
542.1622, 560.7043

67.4397, 71.6149,
70.4204

144.7584,
153.4009, 154.3763

49.7140, 52.8442,
51.3904

179.7965,
190.4354, 192.7121

35.4031, 37.6784,
36.1405

220.0760,
232.9969, 236.9206

24.1415, 25.7332,
24.2522

265.9624,
281.4697, 287.4205

15.5639, 16.6241,
15.3069

317.8210,
336.2382, 344.6303

9.3050, 9.9669,
8.8860

376.0171,

4.9994, 5.3770,

397.6869, 408.9685

4.5711

440.9161,
466.2001, 480.8536

■ 2.2816, 2.4701,
1.9436

■ 0.7852, 0.8616,
0.5203

■ 88.9454, 94.3750,
93.6490

■ 88.9454, 94.3750,
93.6490

■ 84.4376, 90.8224,
75.3024

■ 92.8281, 97.7174,
108.5765

■ 80.4404, 87.5045,
59.5528

■ 93.5942, 99.2495,
108.8319

■ 76.9335, 84.4160,
46.2825

■ 73.8923, 81.5470,
35.3628

■ 71.2902, 78.8865,
26.6532

■ 69.0974, 76.4225,
19.9982

■ 67.2805, 74.1414,
15.2221

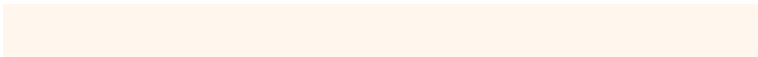
■ 65.8003, 72.0274,
12.1198

■ 64.6087, 70.0610,
10.4375

Harmonies

Analogous

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



90.6881, 94.3750, 93.8126



88.9454, 94.3750, 93.6490



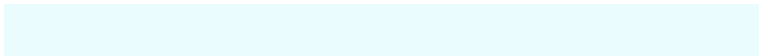
87.4245, 94.3750, 95.8686

Triad

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



88.9454, 94.3750, 93.6490



87.2615, 94.3750, 109.4742



92.9582, 94.3750, 105.6021

Complementary

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



88.9454, 94.3750, 93.6490



83.2041, 86.7013, 103.6176

Split Complementary

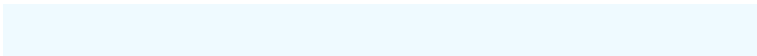
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0159, 94.3750, 109.9705



88.9454, 94.3750, 93.6490



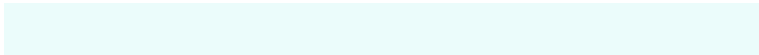
88.7203, 94.3750, 112.2555

Square

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



88.9454, 94.3750, 93.6490



86.4608, 94.3750, 104.9426



90.4601, 94.3750, 112.4400



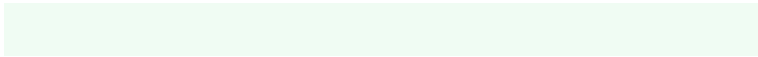
93.0204, 94.3750, 100.6046

Rectangle

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



88.9454, 94.3750, 93.6490



86.7348, 94.3750, 98.4442



90.4601, 94.3750, 112.4400



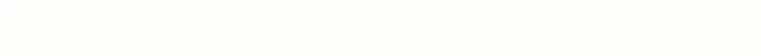
92.7333, 94.3750, 107.1967

Sweetspot

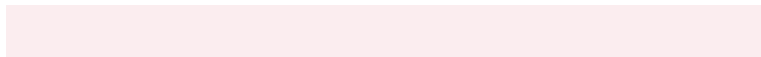
The Sweet Spot groups the original color and five complimentary colors.



88.9480, 94.3791, 93.6510



94.0082, 99.2129, 104.5555



85.6639, 87.3169, 94.0790



20.1326, 21.2439, 22.4247



0.0000, 0.0000, 0.0000



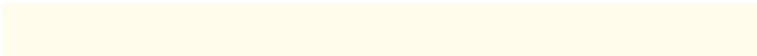
20.3446, 21.4041, 23.3091

Same Dimension

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



88.9480, 94.3791, 93.6510



91.5017, 97.2907, 94.1920



87.8256, 94.7209, 93.7762



18.6903, 19.8896, 19.0598



33.7979, 36.5524, 5.2740



3.1862, 3.4973, 0.5071

Inverse Universe

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



83.2041, 86.7013, 103.6176



84.0953, 87.3906, 107.0435



84.2817, 86.3944, 103.5016



17.0518, 17.6994, 21.9029



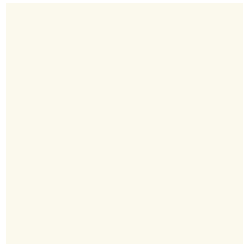
9.5423, 4.4402, 48.3277



0.9424, 0.5284, 4.4955

Previews

White Background



This preview shows how the XYZ color 88.9454, 94.3750, 93.6490 looks on a white background.

Color Contrast Check

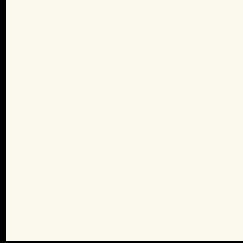
Large Text (above 18pt) WCAG AA × Fail

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 88.9454, 94.3750, 93.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

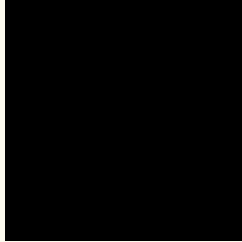
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9454, 94.3750, 93.6490

Background



This preview shows how black text looks on a background with the XYZ color 88.9454, 94.3750, 93.6490.



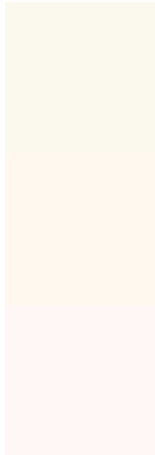
This preview shows how white text looks on a background with the XYZ color 88.9454, 94.3750,

93.6490.

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

88.9454, 94.3750, 93.6490

Protanopia

90.2400, 94.5678, 94.3862

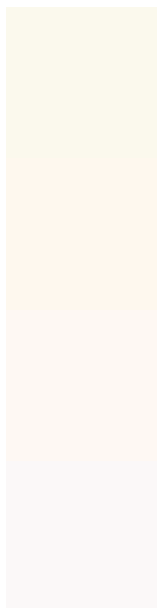
Deuteranopia

91.1353, 94.4353, 100.6133

Tritanopia

91.0944, 94.2508, 107.9988

Trichromacy



Original Color

88.9454, 94.3750, 93.6490

Protanomaly

89.8731, 94.3787, 94.3690

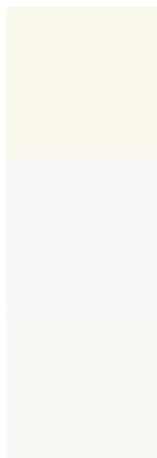
Deuteranomaly

90.6181, 94.6767, 98.2924

Tritanomaly

90.2943, 94.4213, 102.2731

Monochromacy



Original Color

88.9454, 94.3750, 93.6490

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.9635, 93.8062, 99.0055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9454, 94.3750, 93.6490 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, 249, 237) looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 237)  
}
```

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, 249, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 237) }
```

Border

The CSS property to change the border of an element to XYZ 88.9454, 94.3750, 93.6490 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, 249, 237) }
```


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

```
.border{ border-color:rgb(251, 249, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 249, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 237);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9454, 94.3750, 93.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 237) }
```

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

```
.background{ background-color: rgb(251,  
249, 237) }
```

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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