

Converting Colors

XYZ(88.5088, 94.3184, 94.4310)

Have a look what the booklet for
XYZ(88.5088, 94.3184, 94.4310)
contains.

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Color

**XYZ(88.3752, 94.0641,
94.3872)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F9EE
RGB	249, 249, 238
RGB Percent	98%, 98%, 93%
CMY	0.0235, 0.0235, 0.0667
CMYK	0.00, 0.00, 0.04, 0.02
HSL	60°, 48%, 95%
HSV	60°, 4%, 98%
XYZ	88.3752, 94.0641, 94.3872
YIQ	247.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

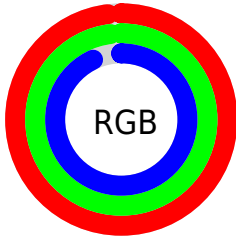
Format	Color
R _Y B	238, 249, 238
Decimal	16382446
CIE Lab	97.66, -1.89, 5.26
CIE LCh	98, 5.592, 109.738
Yxy	94.0641, 0.3192, 0.3398
Android (android.graphics.Color)	4294572526 (0xFFFF9F9EE)
YUV	247.7460, -4.8048, 1.0998
Hunter-Lab	96.9866, -7.0757, 10.1898

Details

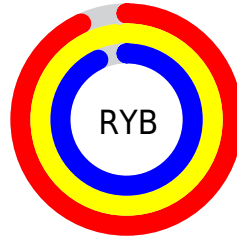
The XYZ color 88.3752, 94.0641, 94.3872 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 82.9369, 86.1682, 101.8883, and the grayscale version is 89.0539, 93.6917, 102.0302.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5058, 52.8548, 51.8487 is the 20% darker color. If you saturate the color by 10%, you get 84.9644, 92.7024, 76.4334, and if you desaturate by 10%, it is 90.9986, 95.1169, 108.1710.

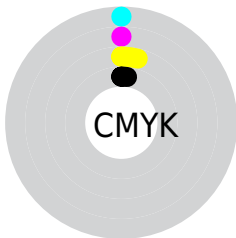
Distribution



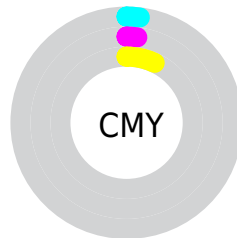
- Red (98%)
- Green (98%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3752, 94.0641, 94.3872 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 88.3752, 94.0641, 94.3872 by changing the saturation by 10% instead.

88.3752, 94.0641,
94.3872

88.3752, 94.0641,
94.3872

511.0482,
541.1644, 563.1354

66.9657, 71.3563,
71.0310

143.9693,
152.9710, 155.4060

49.3273, 52.6330,
51.8855

178.8845,
189.9388, 193.9057

35.0948, 37.5099,
36.5322

219.0323,
232.4288, 238.2903

23.9028, 25.6025,
24.5526

264.7782,
280.8253, 288.9783

15.3859, 16.5265,
15.5280

316.4873,
335.5127, 346.3882

9.1787, 9.8975,
9.0401

374.5251,

4.9160, 5.3310,

396.8755, 410.9387

4.6702

439.2569,
465.2979, 483.0483

■ 2.2323, 2.4428,
1.9997

■ 0.7597, 0.8478,
0.5551

■ 88.3752, 94.0641,
94.3872

■ 88.3752, 94.0641,
94.3872

■ 84.9644, 92.7024,
76.4334

■ 90.9986, 95.1169,
108.1710

■ 82.0364, 91.5308,
61.0338


■ 91.0022, 95.1188,
108.1712


■ 79.5718, 90.5445,
48.0744


■ 91.0058, 95.1206,
108.1713


■ 77.5468, 89.7341,
37.4299


■ 91.0095, 95.1225,
108.1715


 75.9356, 89.0892,
28.9641

 91.0131, 95.1244,
108.1717


 74.7095, 88.5983,
22.5265


 91.0168, 95.1263,
108.1719


 73.8363, 88.2486,
17.9476

 91.0204, 95.1281,
108.1720

 73.2787, 88.0252,
15.0302

 91.0240, 95.1300,
108.1722

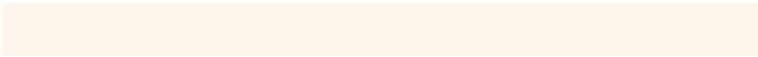
 72.9908, 87.9096,
13.5330

 91.0277, 95.1319,
108.1724

Harmonies

Analogous

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



89.9516, 94.0641, 94.0326



88.3752, 94.0641, 94.3872



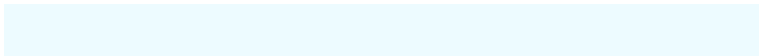
87.0893, 94.0641, 96.8575

Triad

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



88.3752, 94.0641, 94.3872



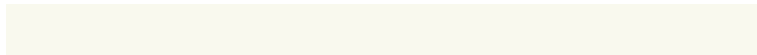
87.4412, 94.0641, 109.2570



92.4514, 94.0641, 103.9896

Complementary

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



88.3752, 94.0641, 94.3872



82.9369, 86.1682, 101.8883

Split Complementary

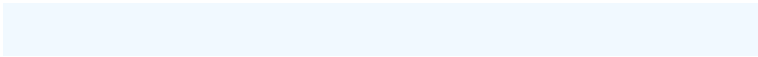
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7616, 94.0641, 108.1911



88.3752, 94.0641, 94.3872



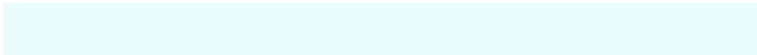
88.8609, 94.0641, 111.2915

Square

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



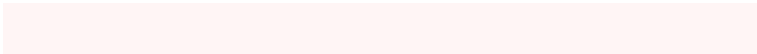
88.3752, 94.0641, 94.3872



86.5545, 94.0641, 105.4094



90.4430, 94.0641, 110.8957



92.3176, 94.0641, 99.4873

Rectangle

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



88.3752, 94.0641, 94.3872



86.5639, 94.0641, 99.4135



90.4430, 94.0641, 110.8957



92.3079, 94.0641, 105.4861

Sweetspot

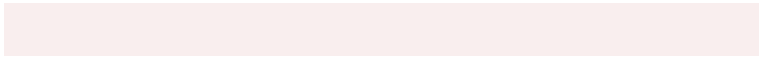
The Sweet Spot groups the original color and five complimentary colors.



88.3778, 94.0682, 94.3892



94.6417, 99.8366, 106.7520



85.0770, 87.4641, 93.2885



20.2615, 21.3709, 22.8720



0.0000, 0.0000, 0.0000



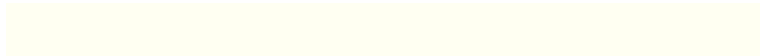
20.3446, 21.4041, 23.3091

Same Dimension

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



88.3778, 94.0682, 94.3892



93.0627, 99.2048, 98.4449



86.4467, 93.0726, 94.2989



19.0146, 20.3056, 19.8868



39.0259, 47.0369, 7.0221



3.6147, 4.3565, 0.6504

Inverse Universe

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



82.9369, 86.1682, 101.8883



86.5822, 89.7956, 107.3767



84.8111, 87.1345, 101.9760



17.5102, 18.1214, 21.9602



9.1537, 3.6616, 48.1979



0.8480, 0.3392, 4.4640

Previews

White Background



This preview shows how the XYZ color 88.3752, 94.0641, 94.3872 looks on a white background.

Color Contrast Check

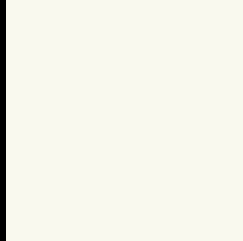
Large Text (above 18pt) WCAG AA × Fail

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 88.3752, 94.0641, 94.3872 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 88.3752, 94.0641, 94.3872

Background



This preview shows how black text looks on a background with the XYZ color 88.3752, 94.0641, 94.3872.



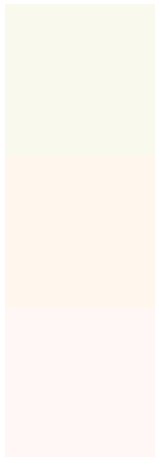
This preview shows how white text looks on a background with the XYZ color 88.3752, 94.0641,

94.372.

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

88.3752, 94.0641, 94.3872

Protanopia

89.7868, 93.8960, 93.5122

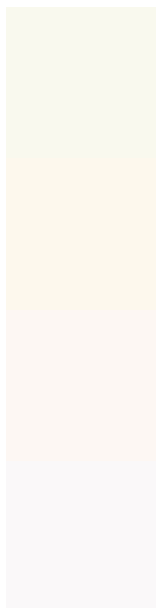
Deuteranopia

90.8303, 93.8254, 100.5116

Tritanopia

90.7351, 94.0655, 107.9820

Trichromacy



Original Color

88.3752, 94.0641, 94.3872

Protanomaly

89.3615, 94.1319, 93.5802

Deuteranomaly

89.9464, 93.8752, 98.1731

Tritanomaly

90.0906, 94.2983, 103.0756

Monochromacy



Original Color

88.3752, 94.0641, 94.3872

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.6079, 93.6229, 98.9888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3752, 94.0641, 94.3872 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(249, 249, 238) looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 238)  
}
```

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(249, 249, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 238) }
```

Border

The CSS property to change the border of an element to XYZ 88.3752, 94.0641, 94.3872 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(249, 249, 238) }
```


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

```
.border{ border-color:rgb(249, 249, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 238);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3752, 94.0641, 94.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 238) }
```

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

```
.background{ background-color: rgb(249,  
249, 238) }
```

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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