

Converting Colors

XYZ(89.4345, 94.5848, 96.3264)

Have a look what the booklet for
XYZ(89.4345, 94.5848, 96.3264)
contains.

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Color

**XYZ(89.3875, 94.5519,
95.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF9F0
RGB	251, 249, 240
RGB Percent	98%, 98%, 94%
CMY	0.0157, 0.0235, 0.0588
CMYK	0.00, 0.01, 0.04, 0.02
HSL	49°, 58%, 96%
HSV	49°, 4%, 98%
XYZ	89.3875, 94.5519, 95.9772
YIQ	248.5720, 4.0810, -2.3750

Conversions

Conversions Part 2

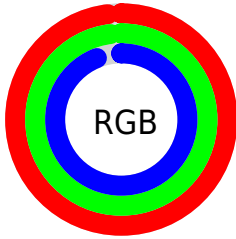
Format	Color
R _Y B	242, 251, 240
Decimal	16513520
CIE Lab	97.85, -0.88, 4.54
CIE LCh	98, 4.620, 100.948
Yxy	94.5519, 0.3193, 0.3378
Android (android.graphics.Color)	4294703600 (0xFFFBF9F0)
YUV	248.5720, -4.2260, 2.1294
Hunter-Lab	97.2378, -6.0770, 9.5451

Details

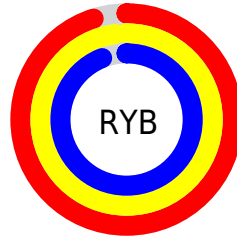
The XYZ color 89.3875, 94.5519, 95.9772 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.0998, 88.9931, 103.9600, and the grayscale version is 89.7248, 94.3975, 102.7989.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.9698, 53.0700, 52.9572 is the 20% darker color. If you saturate the color by 10%, you get 84.5245, 90.3853, 77.2149, and if you desaturate by 10%, it is 93.1361, 98.3334, 108.6792.

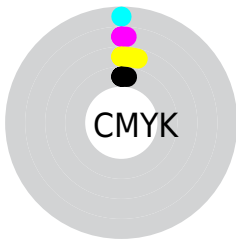
Distribution



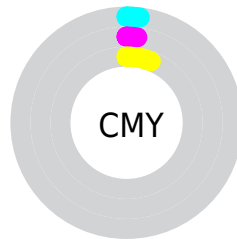
- Red (98%)
- Green (98%)
- Blue (94%)



- Red (95%)
- Yellow (98%)
- Blue (94%)



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



- Cyan (2%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.3875, 94.5519, 95.9772 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 89.3875, 94.5519, 95.9772 by changing the saturation by 10% instead.


 89.3875, 94.5519,
95.9772

 89.3875, 94.5519,
95.9772


514.3040,
542.7294, 568.3527

 67.8074, 71.7621,
72.3472


145.3700,
153.6454, 157.6211

 50.0141, 52.9643,
52.9538


180.5030,
190.7179, 196.4721

 35.6425, 37.7743,
37.3784


220.8844,
233.3200, 241.2339

 24.3270, 25.8076,
25.2025

266.8795,
281.8362, 292.3249

 15.7024, 16.6797,
16.0076

318.8537,
336.6508, 350.1638

 9.4033, 10.0064,
9.3751

377.1723,

 5.0644, 5.4032,

398.1483, 415.1690

4.8865

442.2006,
466.7131, 487.7591

■ 2.3202, 2.4857,
2.1233

■ 0.8050, 0.8695,
0.6296

■ 89.3875, 94.5519,
95.9772

■ 89.3875, 94.5519,
95.9772

■ 84.5245, 90.3853,
77.2149

■ 93.1361, 98.3334,
108.6792

■ 80.1875, 86.4802,
61.0676

■ 93.5941, 99.2495,
108.8319

■ 76.3565, 82.8313,
47.4186

■ 73.0070, 79.4284,
36.1404

■ 70.1123, 76.2605,
27.0940

■ 67.6431, 73.3153,
20.1258

■ 65.5663, 70.5794,
15.0630

■ 63.8435, 68.0369,
11.7045

■ 62.4276, 65.6685,
9.8041

Harmonies

Analogous

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



90.6999, 94.5519, 96.2312



89.3875, 94.5519, 95.9772



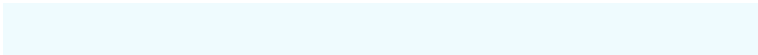
88.2154, 94.5519, 97.5572

Triad

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



89.3875, 94.5519, 95.9772



87.9651, 94.5519, 107.7893



92.2895, 94.5519, 105.3422

Complementary

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



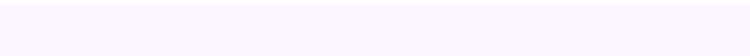
89.3875, 94.5519, 95.9772



85.0998, 88.9931, 103.9600

Split Complementary

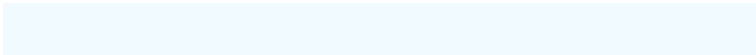
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.5426, 94.5519, 108.5400



89.3875, 94.5519, 95.9772



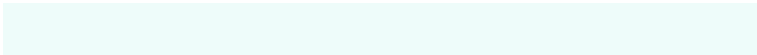
89.0427, 94.5519, 109.9765

Square

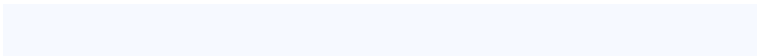
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



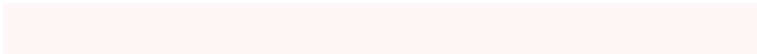
89.3875, 94.5519, 95.9772



87.3995, 94.5519, 104.3378



90.3517, 94.5519, 110.2546



92.3840, 94.5519, 101.5764

Rectangle

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



89.3875, 94.5519, 95.9772



87.6679, 94.5519, 99.4610



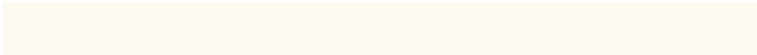
90.3517, 94.5519, 110.2546



92.1061, 94.5519, 106.5216

Sweetspot

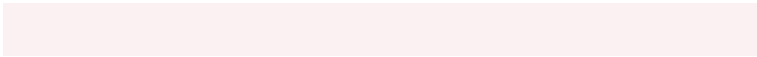
The Sweet Spot groups the original color and five complimentary colors.



89.3901, 94.5560, 95.9792



94.4947, 99.5421, 106.7029



86.9745, 89.2426, 96.6604



20.2316, 21.3109, 22.8620



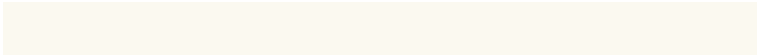
0.0000, 0.0000, 0.0000



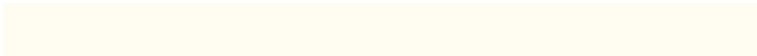
20.3446, 21.4041, 23.3091

Same Dimension

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



89.3901, 94.5560, 95.9792



92.3313, 97.7392, 98.2006



88.7668, 95.1550, 96.1277



18.8441, 19.9640, 19.8299



32.5457, 34.0481, 4.8566



3.0817, 3.2882, 0.4723

Inverse Universe

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



85.0998, 88.9931, 103.9600



87.2741, 91.1820, 107.6078



85.7032, 88.4274, 103.8190



17.6702, 18.4419, 22.0136



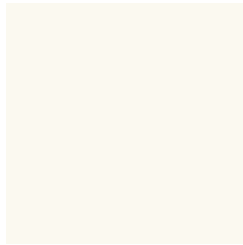
9.7313, 4.8182, 48.3907



0.9685, 0.5807, 4.5042

Previews

White Background



This preview shows how the XYZ color 89.3875, 94.5519, 95.9772 looks on a white background.

Color Contrast Check

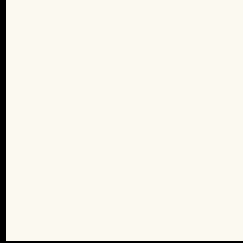
Large Text (above 18pt) WCAG AA × Fail

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 89.3875, 94.5519, 95.9772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

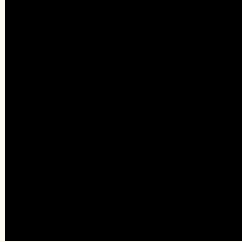
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.3875, 94.5519, 95.9772

Background



This preview shows how black text looks on a background with the XYZ color 89.3875, 94.5519, 95.9772.



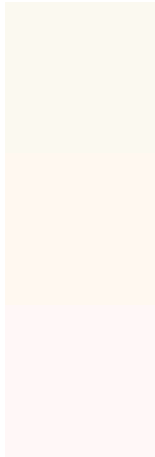
This preview shows how white text looks on a background with the XYZ color 89.3875, 94.5519,

95.972.

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

89.3875, 94.5519, 95.9772

Protanopia

90.5356, 94.6861, 95.9426

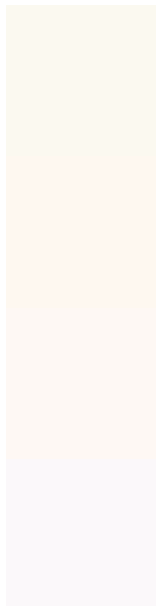
Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

91.0944, 94.2508, 107.9988

Trichromacy



Original Color

89.3875, 94.5519, 95.9772

Protanomaly

90.1686, 94.4969, 95.9254

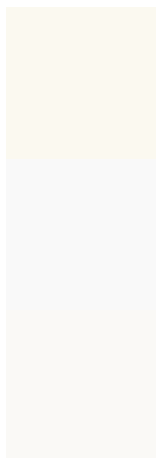
Deuteranomaly

90.7696, 94.7373, 99.0900

Tritanomaly

90.6064, 94.5462, 103.9162

Monochromacy



Original Color

89.3875, 94.5519, 95.9772

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 89.3875, 94.5519, 95.9772 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 240) }
```

Border

The CSS property to change the border of an element to XYZ 89.3875, 94.5519, 95.9772 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, 240) }
```


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

```
.border{ border-color:rgb(251, 249, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 240);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 89.3875, 94.5519, 95.9772 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, 240) }
```

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

```
.background{ background-color: rgb(251,  
249, 240) }
```

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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