

Converting Colors

XYZ(93.5637, 96.6503, 89.6909)

Have a look what the booklet for
XYZ(93.5637, 96.6503, 89.6909)
contains.

XYZ(89.5395, 94.7809, 89.1766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(89.5395, 94.7809,
89.1766)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9E7
RGB	255, 249, 231
RGB Percent	100%, 98%, 91%
CMY	0.0000, 0.0235, 0.0941
CMYK	0.00, 0.02, 0.09, 0.00
HSL	45°, 100%, 95%
HSV	45°, 9%, 100%
XYZ	89.5395, 94.7809, 89.1766
YIQ	248.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

Format	Color
R _Y B	239, 255, 231
Decimal	16775655
CIE Lab	97.95, -1.00, 9.34
CIE LCh	98, 9.388, 96.089
Yxy	94.7809, 0.3274, 0.3466
Android (android.graphics.Color)	4294965735 (0xFFFFF9E7)
YUV	248.7420, -8.7468, 5.4883
Hunter-Lab	97.3555, -6.2026, 13.8398

Details

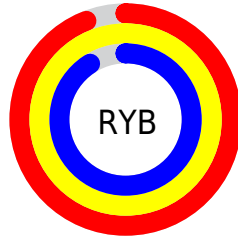
The XYZ color 89.5395, 94.7809, 89.1766 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.2885, 84.7751, 106.6866, and the grayscale version is 89.8968, 94.5785, 102.9960.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0965, 53.2408, 48.1936 is the 20% darker color. If you saturate the color by 10%, you get 84.2623, 89.5764, 70.9246, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

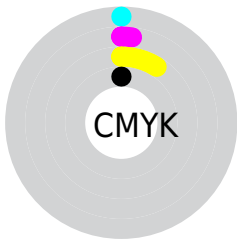
Distribution



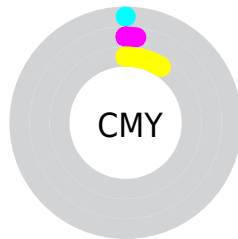
- Red (100%)
- Green (98%)
- Blue (91%)



- Red (94%)
- Yellow (100%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.5395, 94.7809, 89.1766 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 89.5395, 94.7809, 89.1766 by changing the saturation by 10% instead.


 89.5395, 94.7809,
89.1766

 89.5395, 94.7809,
89.1766


514.7920,
543.4633, 545.8495

 67.9338, 71.9526,
66.7281

145.5802,
153.9619, 148.1196

 50.1173, 53.1200,
48.4035


180.7458,
191.0834, 185.4512

 35.7248, 37.8986,
33.7842


221.1622,
233.7381, 228.5809

 24.3909, 25.9040,
22.4519

267.1946,
282.3103, 277.9272

 15.7501, 16.7518,
13.9878

319.2085,
337.1846, 333.9087

 9.4372, 10.0577,
7.9735

377.5691,

 5.0868, 5.4372,

398.7453, 396.9439

3.9905

442.6418,
467.3767, 467.4513

■ 2.3336, 2.5060,
1.6201

■ 0.8118, 0.8796,
0.3051

■ 89.5395, 94.7809,
89.1766

■ 89.5395, 94.7809,
89.1766

■ 84.2623, 89.5764,
70.9246

95.0500, 100.0000,
108.9000

■ 79.5512, 84.7010,
55.3371

■ 75.3835, 80.1476,
42.2883

■ 71.7322, 75.9044,
31.6398

■ 68.5680, 71.9585,
23.2399

■ 65.8580, 68.2958,
16.9194

■ 63.5650, 64.9000,
12.4851

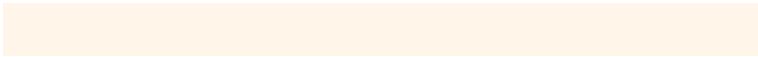
■ 61.6445, 61.7525,
9.7074

■ 60.0290, 58.8249,
8.2336

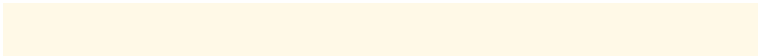
Harmonies

Analogous

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



92.1965, 94.7809, 90.2571



89.5395, 94.7809, 89.1766



87.0775, 94.7809, 91.7001

Triad

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



89.5395, 94.7809, 89.1766



85.9759, 94.7809, 112.1630



94.8921, 94.7809, 109.3138

Complementary

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



89.5395, 94.7809, 89.1766



81.2885, 84.7751, 106.6866

Split Complementary

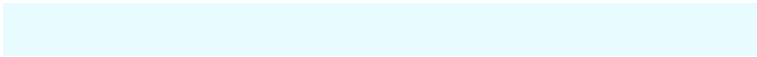
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1638, 94.7809, 115.6239



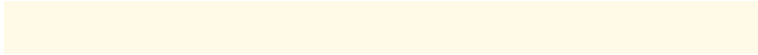
89.5395, 94.7809, 89.1766



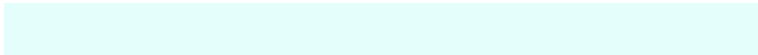
88.0087, 94.7809, 117.3252

Square

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



89.5395, 94.7809, 89.1766



85.0465, 94.7809, 104.7777



90.6355, 94.7809, 118.6221



95.3216, 94.7809, 101.6388

Rectangle

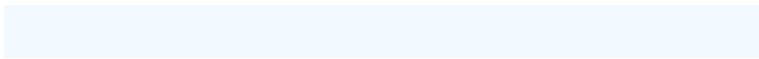
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.5395, 94.7809, 89.1766



85.8667, 94.7809, 95.1642



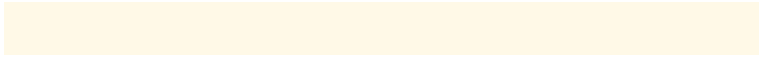
90.6355, 94.7809, 118.6221



94.4421, 94.7809, 111.6765

Sweetspot

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



89.5417, 94.7848, 89.1786



93.2361, 98.3040, 102.3396



85.1027, 84.5274, 91.9518



19.8546, 20.9452, 21.5390



0.0000, 0.0000, 0.0000



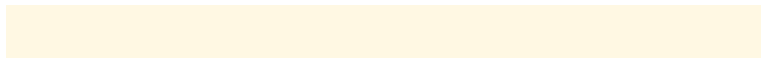
20.3446, 21.4041, 23.3091

Same Dimension

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



89.5417, 94.7848, 89.1786



88.6639, 93.9345, 86.0950



89.2511, 97.4294, 89.7044



19.1545, 20.2771, 19.0487



31.4440, 30.8992, 4.3069



3.1481, 3.1815, 0.4482

Inverse Universe

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



81.2885, 84.7751, 106.6866



79.1230, 82.3632, 106.3352



81.5519, 82.3776, 106.2100



17.3716, 18.1147, 22.8309



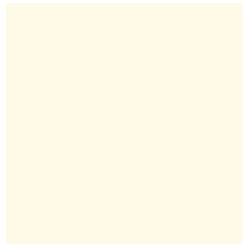
10.4789, 5.8675, 50.0148



1.1025, 0.7356, 4.8972

Previews

White Background



This preview shows how the XYZ color 89.5395, 94.7809, 89.1766 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 89.5395, 94.7809, 89.1766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

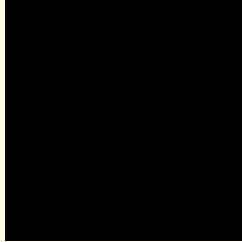
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.5395, 94.7809, 89.1766

Background



This preview shows how black text looks on a background with the XYZ color 89.5395, 94.7809, 89.1766.

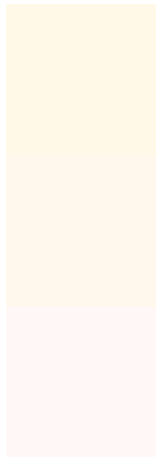


This preview shows how white text looks on a background with the XYZ color 89.5395, 94.7809,

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

89.5395, 94.7809, 89.1766

Protanopia

90.0935, 94.5092, 93.6144

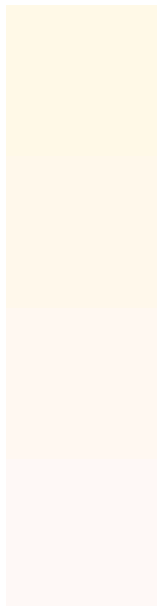
Deuteranopia

91.4420, 95.0486, 100.7155

Tritanopia

91.8188, 94.6242, 108.0327

Trichromacy



Original Color

89.5395, 94.7809, 89.1766

Protanomaly

89.8028, 94.3930, 92.0838

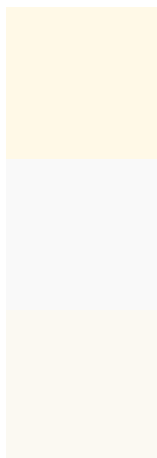
Deuteranomaly

90.6846, 94.7457, 96.7272

Tritanomaly

91.0750, 94.8595, 100.6983

Monochromacy



Original Color

89.5395, 94.7809, 89.1766

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.6864, 94.6714, 97.5508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.5395, 94.7809, 89.1766 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(255, 249, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 231)  
}
```

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(255, 249, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 231) }
```

Border

The CSS property to change the border of an element to XYZ 89.5395, 94.7809, 89.1766 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(255, 249, 231) }
```


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

```
.border{ border-color:rgb(255, 249, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 89.5395, 94.7809, 89.1766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 231) }
```

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

```
.background{ background-color: rgb(255,  
249, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor