

Converting Colors

XYZ(96.4458, 98.2162, 85.6614)

Have a look what the booklet for
XYZ(96.4458, 98.2162, 85.6614)
contains.

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Color

**XYZ(88.8431, 94.5024,
85.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9E2
RGB	255, 249, 226
RGB Percent	100%, 98%, 89%
CMY	0.0000, 0.0235, 0.1137
CMYK	0.00, 0.02, 0.11, 0.00
HSL	48°, 100%, 94%
HSV	48°, 11%, 100%
XYZ	88.8431, 94.5024, 85.5097
YIQ	248.1720, 10.9590, -5.8810

Conversions

Conversions Part 2

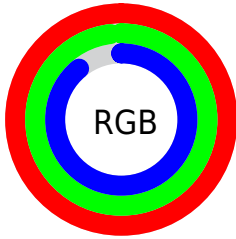
Format	Color
R _Y B	234, 255, 226
Decimal	16775650
CIE Lab	97.83, -1.79, 11.74
CIE LCh	98, 11.879, 98.659
Yxy	94.5024, 0.3304, 0.3515
Android (android.graphics.Color)	4294965730 (0xFFFFF9E2)
YUV	248.1720, -10.9308, 5.9882
Hunter-Lab	97.2123, -6.9891, 15.8961

Details

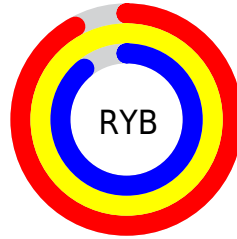
The XYZ color 88.8431, 94.5024, 85.5097 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 78.2699, 81.0997, 106.1363, and the grayscale version is 89.4461, 94.1043, 102.4796.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7094, 53.0860, 46.1547 is the 20% darker color. If you saturate the color by 10%, you get 83.9953, 89.9961, 67.8955, and if you desaturate by 10%, it is 94.2616, 99.3163, 105.8839.

Distribution



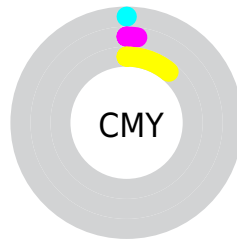
- Red (100%)
- Green (98%)
- Blue (89%)



- Red (92%)
- Yellow (100%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8431, 94.5024, 85.5097 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 88.8431, 94.5024, 85.5097 by changing the saturation by 10% instead.


 88.8431, 94.5024,
85.5097

 88.8431, 94.5024,
85.5097


512.5544,
542.5707, 533.5016

 67.3546, 71.7209,
63.7100


144.6169,
153.5770, 142.9656

 49.6446, 52.9307,
45.9712


179.6329,
190.6388, 179.4589

 35.3478, 37.7475,
31.8746


219.8889,
233.2296, 221.6871

 24.0986, 25.7867,
21.0017

265.7500,
281.7336, 270.0689

 15.5319, 16.6642,
12.9340

317.5818,
336.5354, 325.0226

 9.2823, 9.9953,
7.2529

375.7496,

 4.9844, 5.3959,

398.0192, 386.9670

3.5399

440.6187,
466.5695, 456.3205

■ 2.2727, 2.4814,
1.3765

■ 0.7807, 0.8673,
0.1233

■ 88.8431, 94.5024,
85.5097

■ 88.8431, 94.5024,
85.5097

■ 83.9953, 89.9961,
67.8955

■ 94.2616, 99.3163,
105.8839

■ 79.6882, 85.7756,
52.9147

■ 95.0500, 100.0000,
108.9000

■ 75.8990, 81.8341,
40.4395

■ 72.6007, 78.1603,
30.3294

■ 69.7636, 74.7417,
22.4296

■ 67.3543, 71.5644,
16.5670

■ 65.3349, 68.6125,
12.5427

■ 63.6593, 65.8670,
10.1175

■ 62.4296, 63.6393,
8.9932

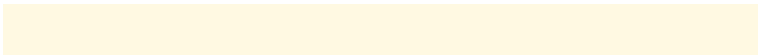
Harmonies

Analogous

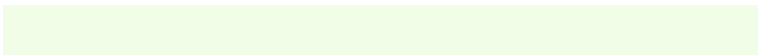
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2168, 94.5024, 86.4573



88.8431, 94.5024, 85.5097



85.8078, 94.5024, 88.9862

Triad

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



88.8431, 94.5024, 85.5097



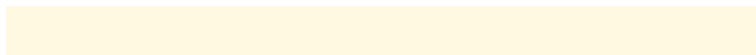
84.8232, 94.5024, 115.0151



96.0361, 94.5024, 109.8471

Complementary

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



88.8431, 94.5024, 85.5097



78.2699, 81.0997, 106.1363

Split Complementary

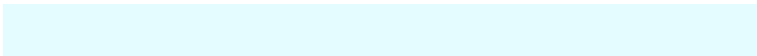
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9589, 94.5024, 118.1869



88.8431, 94.5024, 85.5097



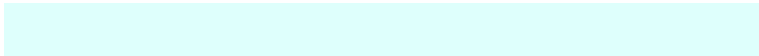
87.4685, 94.5024, 121.2989

Square

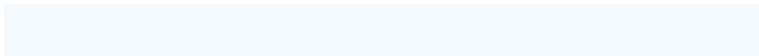
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8431, 94.5024, 85.5097



83.5255, 94.5024, 105.7356



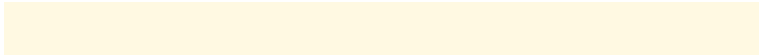
90.8075, 94.5024, 122.4948



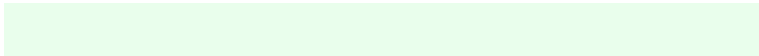
96.4266, 94.5024, 100.1097

Rectangle

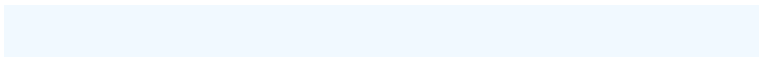
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8431, 94.5024, 85.5097



84.3643, 94.5024, 93.4819



90.8075, 94.5024, 122.4948



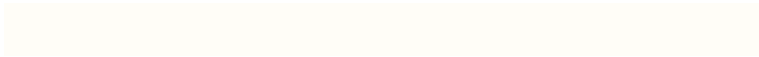
95.5095, 94.5024, 112.9240

Sweetspot

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



88.8454, 94.5064, 85.5117



93.3402, 98.5123, 102.3744



83.0428, 81.4961, 87.9097



19.8828, 21.0016, 21.5483



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.



88.8454, 94.5064, 85.5117



87.5168, 93.2924, 80.6197



87.7693, 96.7460, 86.0007



19.2237, 20.4156, 19.0717



32.7317, 33.4747, 4.7361



3.2634, 3.4122, 0.4866

Inverse Universe

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



78.2699, 81.0997, 106.1363



74.7351, 77.0893, 105.5485



79.2501, 79.1430, 105.7069



17.3071, 17.9858, 22.8094



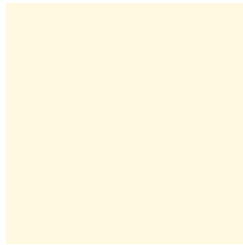
10.1745, 5.2586, 49.9133



1.0645, 0.6597, 4.8845

Previews

White Background



This preview shows how the XYZ color 88.8431, 94.5024, 85.5097 looks on a white background.

Color Contrast Check

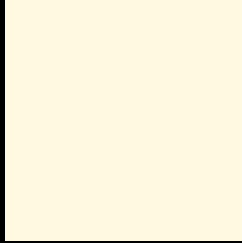
Large Text (above 18pt) WCAG AA × Fail

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 88.8431, 94.5024, 85.5097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

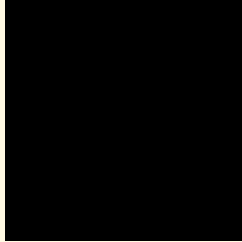
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.8431, 94.5024, 85.5097

Background



This preview shows how black text looks on a background with the XYZ color 88.8431, 94.5024, 85.5097.

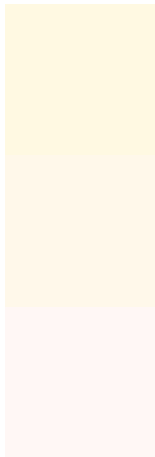


This preview shows how white text looks on a background with the XYZ color 88.8431, 94.5024,

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

88.8431, 94.5024, 85.5097

Protanopia

89.6587, 94.3353, 91.3249

Deuteranopia

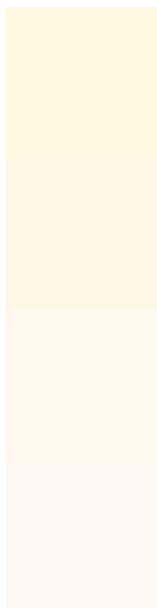
90.9822, 94.3741, 99.8069



Tritanopia

92.1838, 94.8124, 108.0497

Trichromacy



Original Color

88.8431, 94.5024, 85.5097

Protanomaly

89.2312, 94.1643, 89.0738

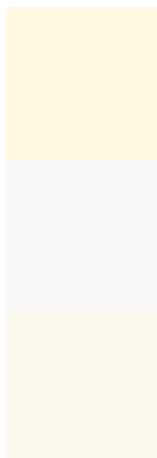
Deuteranomaly

90.2400, 94.5678, 94.3862

Tritanomaly

90.7696, 94.7373, 99.0900

Monochromacy



Original Color

88.8431, 94.5024, 85.5097

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.0792, 93.9353, 95.8744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8431, 94.5024, 85.5097 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, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 226) }
```

Border

The CSS property to change the border of an element to XYZ 88.8431, 94.5024, 85.5097 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, 226) }
```


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

```
.border{ border-color:rgb(255, 249, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8431, 94.5024, 85.5097 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, 226) }
```

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

```
.background{ background-color: rgb(255,  
249, 226) }
```

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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