

Converting Colors

XYZ(88.3310, 93.8279, 84.2608)

Have a look what the booklet for
XYZ(88.3310, 93.8279, 84.2608)
contains.

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Color

**XYZ(88.2619, 93.7766,
83.9698)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF8E0
RGB	255, 248, 224
RGB Percent	100%, 97%, 88%
CMY	0.0000, 0.0274, 0.1216
CMYK	0.00, 0.03, 0.12, 0.00
HSL	46°, 100%, 94%
HSV	46°, 12%, 100%
XYZ	88.2619, 93.7766, 83.9698
YIQ	247.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

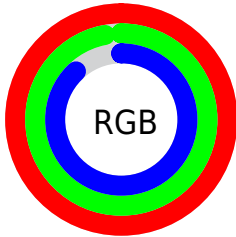
Format	Color
R _Y B	233, 255, 224
Decimal	16775392
CIE Lab	97.54, -1.60, 12.35
CIE LCh	98, 12.457, 97.368
Yxy	93.7766, 0.3318, 0.3525
Android (android.graphics.Color)	4294965472 (0xFFFFF8E0)
YUV	247.3570, -11.5150, 6.7029
Hunter-Lab	96.8383, -6.7758, 16.3757

Details

The XYZ color **88.2619, 93.7766, 83.9698** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.3658, 80.2170, 106.0136**, and the grayscale version is **88.7846, 93.4083, 101.7216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2998, 52.5696, 45.0847** is the 20% darker color. If you saturate the color by 10%, you get **83.3185, 89.0154, 66.5204**, and if you desaturate by 10%, it is **93.7828, 98.8620, 104.1729**.

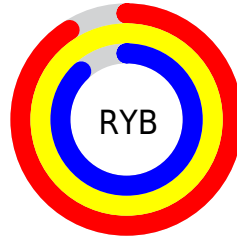
Distribution



Red (100%)

Green (97%)

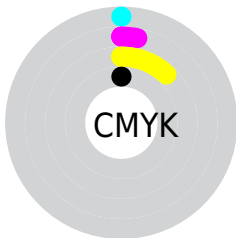
Blue (88%)



Red (91%)

Yellow (100%)

Blue (88%)

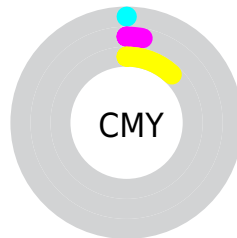


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.2619, 93.7766, 83.9698 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 88.2619, 93.7766, 83.9698 by changing the saturation by 10% instead.


 88.2619, 93.7766,
83.9698

 88.2619, 93.7766,
83.9698

510.6831,
540.2409, 528.2684

 66.8715, 71.1172,
62.4453

143.8124,
152.5733, 140.7943

 49.2505, 52.4378,
44.9545


178.7032,
189.4794, 176.9313

 35.0336, 37.3542,
31.0789

218.8248,
231.9032, 218.7762

 23.8554, 25.4818,
20.3999

264.5427,
280.2290, 266.7476

 15.3505, 16.4364,
12.4991

316.2220,
334.8413, 321.2640

 9.1537, 9.8335,
6.9579

374.2283,

 4.8995, 5.2887,

396.1245, 382.7439

3.3578

438.9269,
464.4629, 451.6058

■ 2.2226, 2.4176,
1.2801

■ 0.7546, 0.8349,
0.0454

■ 88.2619, 93.7766,
83.9698

■ 88.2619, 93.7766,
83.9698

■ 83.3185, 89.0154,
66.5204

■ 93.7828, 98.8620,
104.1729

■ 78.9225, 84.5563,
51.6974

95.0500, 100.0000,
108.9000

■ 75.0509, 80.3923,
39.3724

■ 71.6763, 76.5119,
29.4035

■ 68.7686, 72.9021,
21.6349

■ 66.2942, 69.5486,
15.8917

■ 64.2143, 66.4351,
11.9724

■ 62.4821, 63.5422,
9.6336

■ 61.3125, 61.4050,
8.6208

Harmonies

Analogous

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



91.7767, 93.7766, 85.1516



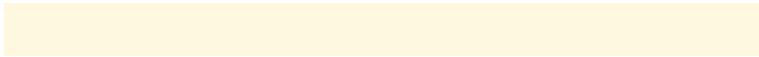
88.2619, 93.7766, 83.9698



85.0645, 93.7766, 87.3855

Triad

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



88.2619, 93.7766, 83.9698



83.8313, 93.7766, 114.3999



95.5626, 93.7766, 109.7929

Complementary

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



88.2619, 93.7766, 83.9698



77.3658, 80.2170, 106.0136

Split Complementary

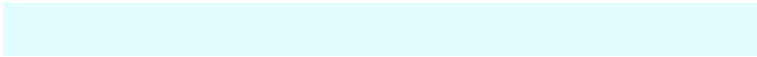
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3268, 93.7766, 118.3950



88.2619, 93.7766, 83.9698



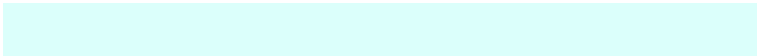
86.5383, 93.7766, 121.1753

Square

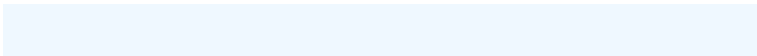
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2619, 93.7766, 83.9698



82.5509, 93.7766, 104.6268



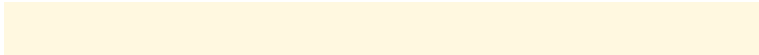
90.0075, 93.7766, 122.6837



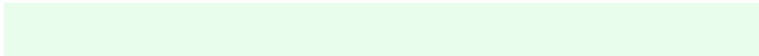
96.0536, 93.7766, 99.6275

Rectangle

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



88.2619, 93.7766, 83.9698



83.5221, 93.7766, 91.9522



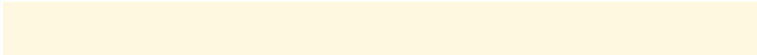
90.0075, 93.7766, 122.6837



94.9873, 93.7766, 112.9827

Sweetspot

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



88.2641, 93.7806, 83.9718



92.7211, 97.9008, 100.2360



82.3532, 80.3551, 86.9449



19.7547, 20.8715, 21.1168



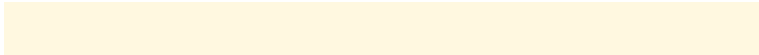
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

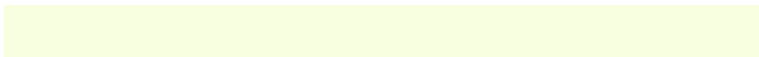
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2641, 93.7806, 83.9718



86.8003, 92.3937, 78.7342



87.4788, 96.6277, 84.5627



19.1932, 20.3546, 19.0616



32.1544, 32.3201, 4.5437



3.2118, 3.3091, 0.4694

Inverse Universe

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



77.3658, 80.2170, 106.0136



73.6191, 75.9895, 105.3950



78.0720, 77.7330, 105.4969



17.3354, 18.0424, 22.8188



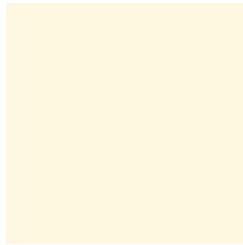
10.3008, 5.5113, 49.9554



1.0806, 0.6918, 4.8899

Previews

White Background



This preview shows how the XYZ color 88.2619, 93.7766, 83.9698 looks on a white background.

Color Contrast Check

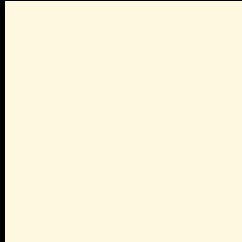
Large Text (above 18pt) WCAG AA × Fail

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 88.2619, 93.7766, 83.9698 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

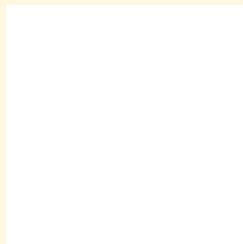
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2619, 93.7766, 83.9698

Background



This preview shows how black text looks on a background with the XYZ color 88.2619, 93.7766, 83.9698.



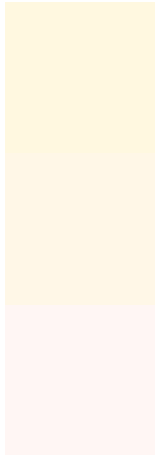
This preview shows how white text looks on a background with the XYZ color 88.2619, 93.7766,

83.9698.

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

88.2619, 93.7766, 83.9698

Protanopia

88.9246, 93.5511, 88.9716

Deuteranopia

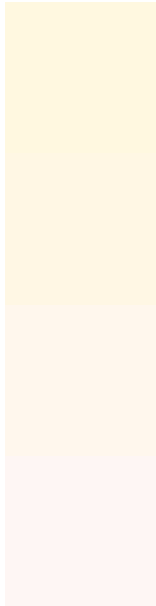
90.5249, 93.7032, 98.9033



Tritanopia

91.5755, 93.5956, 107.8470

Trichromacy



Original Color

88.2619, 93.7766, 83.9698

Protanomaly

88.5044, 93.3830, 86.7588

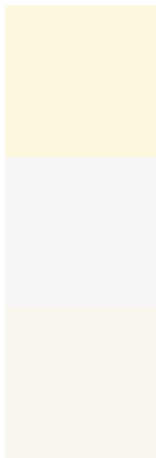
Deuteranomaly

89.7868, 93.8960, 93.5122

Tritanomaly

90.1580, 93.5140, 98.8861

Monochromacy



Original Color

88.2619, 93.7766, 83.9698

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.2651, 93.0775, 94.9750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2619, 93.7766, 83.9698 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, 248, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 224)  
}
```

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, 248, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 224) }
```

Border

The CSS property to change the border of an element to XYZ 88.2619, 93.7766, 83.9698 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, 248, 224) }
```


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

```
.border{ border-color:rgb(255, 248, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2619, 93.7766, 83.9698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 224) }
```

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

```
.background{ background-color: rgb(255,  
248, 224) }
```

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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