

Converting Colors

XYZ(88.2336, 94.1836, 82.5307)

Have a look what the booklet for
XYZ(88.2336, 94.1836, 82.5307)
contains.

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Color

**XYZ(88.3005, 94.2853,
82.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF9DE
RGB	255, 249, 222
RGB Percent	100%, 98%, 87%
CMY	0.0000, 0.0235, 0.1294
CMYK	0.00, 0.02, 0.13, 0.00
HSL	49°, 100%, 94%
HSV	49°, 13%, 100%
XYZ	88.3005, 94.2853, 82.6522
YIQ	247.7160, 12.2430, -7.1250

Conversions

Conversions Part 2

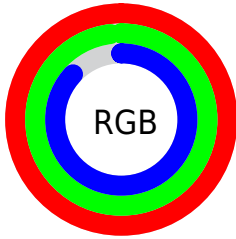
Format	Color
R_{YB}	229, 255, 222
Decimal	16775646
CIE _{Lab}	97.75, -2.41, 13.67
CIE _{LCh}	98, 13.883, 99.996
Yxy	94.2853, 0.3329, 0.3555
Android (android.graphics.Color)	4294965726 (0xFFFFF9DE)
YUV	247.7160, -12.6780, 6.3881
Hunter-Lab	97.1006, -7.6033, 17.5027

Details

The XYZ color **88.3005, 94.2853, 82.6522** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **75.9170, 78.2343, 105.7072**, and the grayscale version is **89.0864, 93.7258, 102.0674**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.3337, 52.9357, 44.1767** is the 20% darker color. If you saturate the color by 10%, you get **83.7245, 90.1954, 65.5213**, and if you desaturate by 10%, it is **93.4331, 98.6605, 102.5213**.

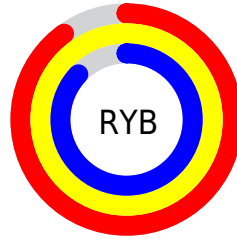
Distribution



Red (100%)

Green (98%)

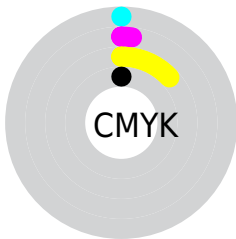
Blue (87%)



Red (90%)

Yellow (100%)

Blue (87%)

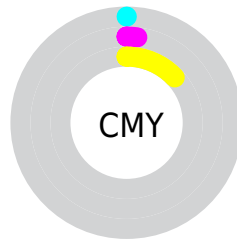


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.3005, 94.2853, 82.6522 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 88.3005, 94.2853, 82.6522 by changing the saturation by 10% instead.

88.3005, 94.2853,
82.6522

88.3005, 94.2853,
82.6522

510.8075,
541.8744, 523.7673

66.9036, 71.5403,
61.3643

143.8658,
153.2768, 138.9331

49.2767, 52.7832,
44.0868

178.7650,
190.2922, 174.7632

35.0545, 37.6297,
30.4011

218.8955,
232.8330, 216.2778

23.8715, 25.6954,
19.8886

264.6229,
281.2838, 263.8955

15.3626, 16.5959,
12.1308

316.3124,
336.0290, 318.0347

9.1622, 9.9468,
6.7092

374.3295,

4.9051, 5.3637,

397.4529, 379.1141

3.2052

439.0394,
465.9399, 447.5521

■ 2.2259, 2.4622,
1.2004

■ 0.7563, 0.8576,
0.0000

■ 88.3005, 94.2853,
82.6522

■ 88.3005, 94.2853,
82.6522

■ 83.7245, 90.1954,
65.5213

■ 93.4331, 98.6605,
102.5213

■ 79.6753, 86.3691,
51.0006

95.0500, 100.0000,
108.9000

■ 76.1297, 82.8000,
38.9610

■ 73.0606, 79.4768,
29.2598

■ 70.4378, 76.3869,
21.7398

■ 68.2276, 73.5165,
16.2247

■ 66.3910, 70.8495,
12.5102

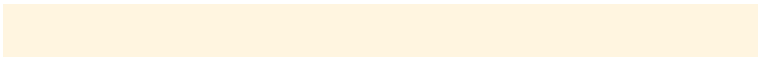
■ 64.8807, 68.3666,
10.3489

■ 63.9626, 66.7051,
9.5042

Harmonies

Analogous

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



92.2448, 94.2853, 83.5071



88.3005, 94.2853, 82.6522



84.8111, 94.2853, 86.8482

Triad

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



88.3005, 94.2853, 82.6522



83.9091, 94.2853, 117.3203



96.9605, 94.2853, 110.3007

Complementary

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



88.3005, 94.2853, 82.6522



75.9170, 78.2343, 105.7072

Split Complementary

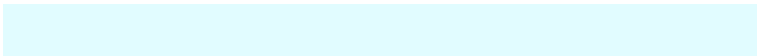
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5977, 94.2853, 120.2846



88.3005, 94.2853, 82.6522



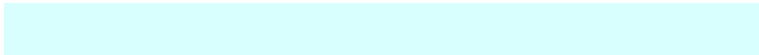
87.0364, 94.2853, 124.5396

Square

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



88.3005, 94.2853, 82.6522



82.3256, 94.2853, 106.4915



90.9432, 94.2853, 125.6627



97.3232, 94.2853, 98.9228

Rectangle

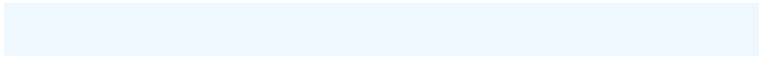
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.3005, 94.2853, 82.6522



83.1834, 94.2853, 92.1399



90.9432, 94.2853, 125.6627



96.3706, 94.2853, 113.9532

Sweetspot

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



88.3027, 94.2893, 82.6542



92.8627, 98.1840, 100.2832



81.3725, 79.1079, 84.4169



19.7906, 20.9434, 21.1288



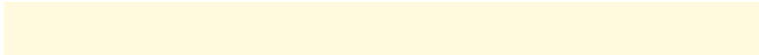
0.0000, 0.0000, 0.0000



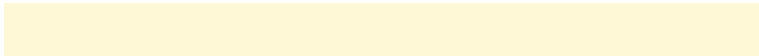
20.3446, 21.4041, 23.3091

Same Dimension

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



88.3027, 94.2893, 82.6542



86.8444, 93.0077, 77.1274



86.4447, 96.1258, 83.1066



19.2641, 20.4965, 19.0852



33.5233, 35.0578, 5.0000



3.3337, 3.5529, 0.5101

Inverse Universe

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



75.9170, 78.2343, 105.7072



71.8580, 73.5823, 105.0232



77.5972, 76.6950, 105.3215



17.2698, 17.9112, 22.7969



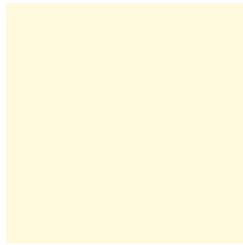
10.0249, 4.9593, 49.8635



1.0447, 0.6202, 4.8779

Previews

White Background



This preview shows how the XYZ color 88.3005, 94.2853, 82.6522 looks on a white background.

Color Contrast Check

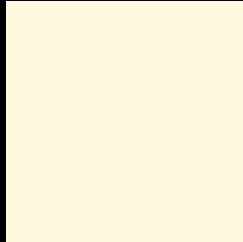
Large Text (above 18pt) WCAG AA × Fail

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 88.3005, 94.2853, 82.6522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

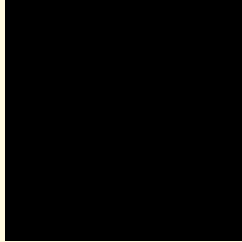
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.3005, 94.2853, 82.6522

Background



This preview shows how black text looks on a background with the XYZ color 88.3005, 94.2853, 82.6522.



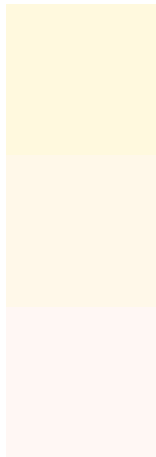
This preview shows how white text looks on a background with the XYZ color 88.3005, 94.2853,

82.6522.

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

88.3005, 94.2853, 82.6522

Protanopia

89.5154, 94.2780, 90.5703

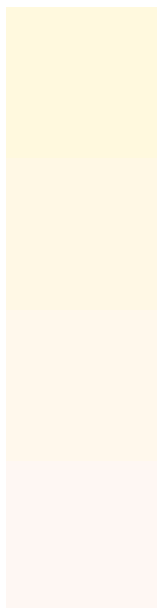
Deuteranopia

90.8299, 94.3132, 99.0050

Tritanopia

91.8788, 94.2024, 107.9481

Trichromacy



Original Color

88.3005, 94.2853, 82.6522

Protanomaly

88.9503, 94.0519, 87.5944

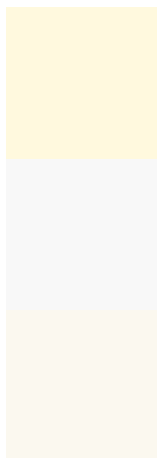
Deuteranomaly

89.9477, 94.4509, 92.8470

Tritanomaly

90.3115, 94.0634, 98.1902

Monochromacy



Original Color

88.3005, 94.2853, 82.6522

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.9311, 93.8760, 95.0941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3005, 94.2853, 82.6522 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, 222) looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 222) }
```

Border

The CSS property to change the border of an element to XYZ 88.3005, 94.2853, 82.6522 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, 222) }
```


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

```
.border{ border-color:rgb(255, 249, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3005, 94.2853, 82.6522 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, 222) }
```

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

```
.background{ background-color: rgb(255,  
249, 222) }
```

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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