

Converting Colors

XYZ(98.8436, 100.3856,
85.3005)

Have a look what the booklet for
XYZ(98.8436, 100.3856, 85.3005)
contains.

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Color

**XYZ(89.3278, 95.6906,
84.9962)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFBE1
RGB	255, 251, 225
RGB Percent	100%, 98%, 88%
CMY	0.0000, 0.0157, 0.1176
CMYK	0.00, 0.02, 0.12, 0.00
HSL	52°, 100%, 94%
HSV	52°, 12%, 100%
XYZ	89.3278, 95.6906, 84.9962
YIQ	249.2320, 10.7300, -7.2380

Conversions

Conversions Part 2

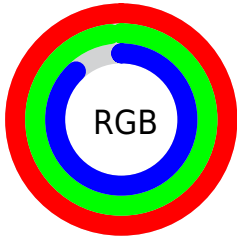
Format	Color
R _Y B	230, 255, 225
Decimal	16776161
CIE Lab	98.31, -2.95, 12.93
CIE LCh	98, 13.265, 102.845
Yxy	95.6906, 0.3308, 0.3544
Android (android.graphics.Color)	4294966241 (0xFFFFFBE1)
YUV	249.2320, -11.9464, 5.0585
Hunter-Lab	97.8216, -8.1868, 16.9586

Details

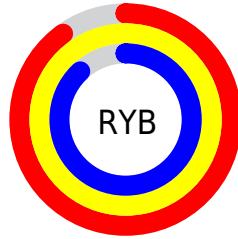
The XYZ color **89.3278, 95.6906, 84.9962** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **77.1200, 79.2641, 105.8426**, and the grayscale version is **90.3243, 95.0282, 103.4857**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.0595, 53.9383, 45.8029** is the 20% darker color. If you saturate the color by 10%, you get **85.0552, 92.3029, 67.6722**, and if you desaturate by 10%, it is **94.1434, 99.3322, 105.0668**.

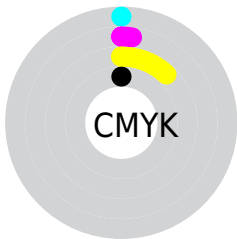
Distribution



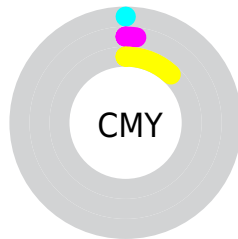
- Red (100%)
- Green (98%)
- Blue (88%)



- Red (90%)
- Yellow (100%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.3278, 95.6906, 84.9962 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 89.3278, 95.6906, 84.9962 by changing the saturation by 10% instead.


 89.3278, 95.6906,
84.9962

 89.3278, 95.6906,
84.9962


514.1123,
546.3735, 531.7598

 67.7577, 72.7099,
63.2881


145.2874,
155.2183, 142.2420

 49.9736, 53.7388,
45.6318


180.4077,
192.5342, 178.6168

 35.6101, 38.3929,
31.6088


220.7753,
235.3972, 220.7175

 24.3020, 26.2877,
20.8005

266.7557,
284.1917, 268.9628

 15.6837, 17.0390,
12.7885

318.7143,
339.3023, 323.7711

 9.3900, 10.2623,
7.1540

377.0163,

 5.0556, 5.5732,

401.1131, 385.5610

3.4787

442.0272,
470.0087, 454.7510

■ 2.3150, 2.5874,
1.3440

■ 0.8023, 0.9203,
0.0974

■ 89.3278, 95.6906,
84.9962

■ 89.3278, 95.6906,
84.9962

■ 85.0552, 92.3029,
67.6722

■ 94.1434, 99.3322,
105.0668

■ 81.2960, 89.1477,
52.9678

95.0500, 100.0000,
108.9000

■ 78.0276, 86.2190,
40.7552

■ 75.2231, 83.5058,
30.8931

■ 72.8530, 80.9961,
23.2264

■ 70.8841, 78.6766,
17.5813

■ 69.2784, 76.5318,
13.7577

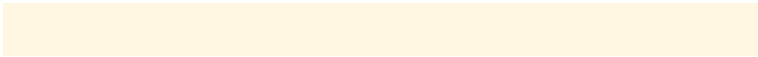
■ 67.9899, 74.5432,
11.5144

■ 67.1099, 72.9997,
10.5533

Harmonies

Analogous

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



93.1350, 95.6906, 85.3543



89.3278, 95.6906, 84.9962



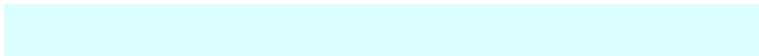
86.0468, 95.6906, 89.5147

Triad

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



89.3278, 95.6906, 84.9962



85.6708, 95.6906, 119.1613



98.1520, 95.6906, 110.5201

Complementary

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



89.3278, 95.6906, 84.9962



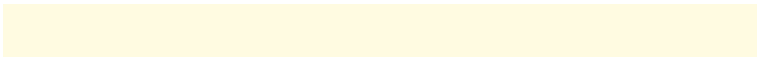
77.1200, 79.2641, 105.8426

Split Complementary

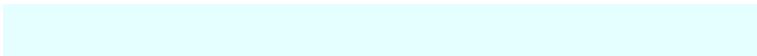
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.0382, 95.6906, 120.3892



89.3278, 95.6906, 84.9962



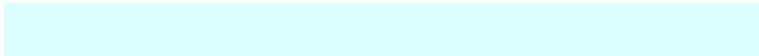
88.8015, 95.6906, 125.6128

Square

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



89.3278, 95.6906, 84.9962



83.9755, 95.6906, 108.9379



92.5938, 95.6906, 126.0773



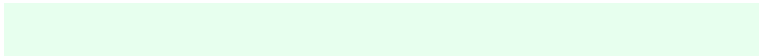
98.3026, 95.6906, 99.5836

Rectangle

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



89.3278, 95.6906, 84.9962



84.5704, 95.6906, 94.8811



92.5938, 95.6906, 126.0773



97.6449, 95.6906, 114.0904

Sweetspot

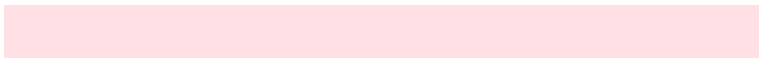
The Sweet Spot groups the original color and five complimentary colors.



89.3300, 95.6946, 84.9982



93.0192, 98.4970, 100.3354



82.3088, 80.7687, 85.3817



19.8303, 21.0229, 21.1420



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.



89.3300, 95.6946, 84.9982



88.3282, 94.9152, 80.8902



86.6593, 96.1896, 85.2345



19.3428, 20.6538, 19.1114



35.1465, 38.3043, 5.5410



3.4768, 3.8390, 0.5578

Inverse Universe

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



77.1200, 79.2641, 105.8426



74.0236, 75.6664, 105.3114



79.5682, 78.9045, 105.6441



17.1979, 17.7675, 22.7730



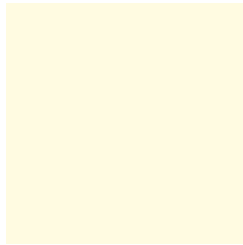
9.7891, 4.4878, 49.7849



1.0104, 0.5516, 4.8665

Previews

White Background



This preview shows how the XYZ color 89.3278, 95.6906, 84.9962 looks on a white background.

Color Contrast Check

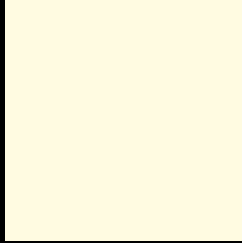
Large Text (above 18pt) WCAG AA × Fail

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 89.3278, 95.6906, 84.9962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

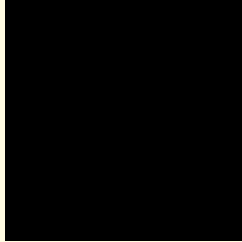
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.3278, 95.6906, 84.9962

Background



This preview shows how black text looks on a background with the XYZ color 89.3278, 95.6906, 84.9962.



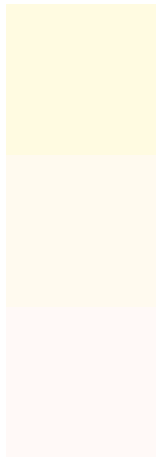
This preview shows how white text looks on a background with the XYZ color 89.3278, 95.6906,

84.9962.

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

89.3278, 95.6906, 84.9962

Protanopia

91.0056, 95.8632, 95.3683

Deuteranopia

91.9042, 95.7268, 101.6289

Tritanopia

92.7987, 96.0422, 108.2547

Trichromacy



Original Color

89.3278, 95.6906, 84.9962

Protanomaly

90.2769, 95.5717, 91.5310

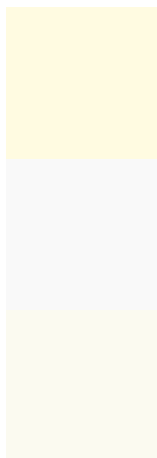
Deuteranomaly

91.0056, 95.8632, 95.3683

Tritanomaly

91.3878, 95.9737, 99.2961

Monochromacy



Original Color

89.3278, 95.6906, 84.9962

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.6974, 95.1717, 96.0805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.3278, 95.6906, 84.9962 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, 251, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 225)  
}
```

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, 251, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 225) }
```

Border

The CSS property to change the border of an element to XYZ 89.3278, 95.6906, 84.9962 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, 251, 225) }
```


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

```
.border{ border-color:rgb(255, 251, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 89.3278, 95.6906, 84.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 225) }
```

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

```
.background{ background-color: rgb(255,  
251, 225) }
```

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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