

Converting Colors

XYZ(89.3719, 97.0026, 81.2381)

Have a look what the booklet for
XYZ(89.3719, 97.0026, 81.2381)
contains.

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Color

**XYZ(89.4680, 97.2581,
81.0751)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFEDB
RGB	255, 254, 219
RGB Percent	100%, 100%, 86%
CMY	0.0000, 0.0039, 0.1412
CMYK	0.00, 0.00, 0.14, 0.00
HSL	58°, 100%, 93%
HSV	58°, 14%, 100%
XYZ	89.4680, 97.2581, 81.0751
YIQ	250.3090, 11.8310, -10.6730

Conversions

Conversions Part 2

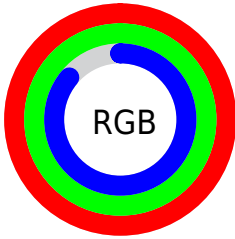
Format	Color
R_{YB}	220, 255, 219
Decimal	16776923
CIE _{Lab}	98.93, -5.37, 16.88
CIE _{LCh}	99, 17.713, 107.643
Yxy	97.2581, 0.3341, 0.3632
Android (android.graphics.Color)	4294967003 (0xFFFFFEDB)
YUV	250.3090, -15.4353, 4.1140
Hunter-Lab	98.6195, -10.6483, 20.2914

Details

The XYZ color **89.4680, 97.2581, 81.0751** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.8561, 73.4646, 104.9479**, and the grayscale version is **91.2407, 95.9923, 104.5356**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.9558, 54.6186, 43.0315** is the 20% darker color. If you saturate the color by 10%, you get **86.1426, 95.5744, 64.6537**, and if you desaturate by 10%, it is **93.3131, 99.1574, 100.2094**.

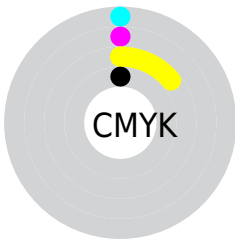
Distribution



- Red (100%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.4680, 97.2581, 81.0751 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 89.4680, 97.2581, 81.0751 by changing the saturation by 10% instead.


 89.4680, 97.2581,
81.0751

 89.4680, 97.2581,
81.0751


514.5625,
551.3691, 518.3506

 67.8743, 74.0158,
60.0721


145.4813,
157.3806, 136.7012

 50.0688, 54.8070,
43.0511

180.6316,
195.0296, 172.1614

 35.6861, 39.2472,
29.5935


221.0316,
238.2496, 213.2778

 24.3608, 26.9521,
19.2808

267.0464,
287.4251, 260.4688

 15.7277, 17.5372,
11.6945

319.0416,
342.9404, 314.1531

 9.4213, 10.6183,
6.4160

377.3824,

 5.0763, 5.8108,

405.1799, 374.7491

3.0268

442.4343,
474.5280, 442.6755

■ 2.3273, 2.7304,
1.1083

■ 0.8086, 0.9926,
0.0000

■ 89.4680, 97.2581,
81.0751

■ 89.4680, 97.2581,
81.0751

■ 86.1426, 95.5744,
64.6537

■ 93.3131, 99.1574,
100.2094

■ 83.3067, 94.0846,
50.8162

95.0500, 100.0000,
108.9000

■ 80.9376, 92.7827,
39.4323

■ 79.0078, 91.6580,
30.3579

■ 77.4871, 90.6982,
23.4340

■ 76.3416, 89.8897,
18.4814

■ 75.5317, 89.2169,
15.2922

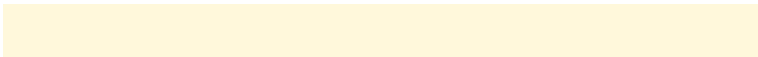
■ 75.0091, 88.6602,
13.6117

■ 74.7954, 88.3708,
13.1151

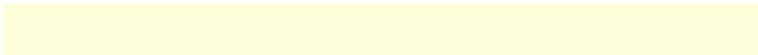
Harmonies

Analogous

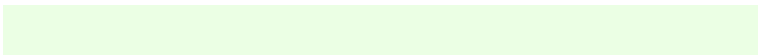
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5791, 97.2581, 80.5091



89.4680, 97.2581, 81.0751



85.3054, 97.2581, 87.8937

Triad

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



89.4680, 97.2581, 81.0751



85.9199, 97.2581, 128.2993



102.4692, 97.2581, 112.0917

Complementary

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



89.4680, 97.2581, 81.0751



72.8561, 73.4646, 104.9479

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.



99.9636, 97.2581, 126.2060



89.4680, 97.2581, 81.0751



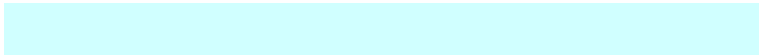
90.3351, 97.2581, 136.1304

Square

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



89.4680, 97.2581, 81.0751



83.3099, 97.2581, 114.7400



95.4790, 97.2581, 135.3305



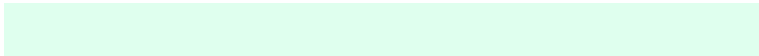
102.2159, 97.2581, 97.5215

Rectangle

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



89.4680, 97.2581, 81.0751



83.5704, 97.2581, 95.4588



95.4790, 97.2581, 135.3305



101.9179, 97.2581, 117.0708

Sweetspot

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



89.4703, 97.2622, 81.0772



93.3611, 99.1808, 100.4494



79.5171, 77.1021, 78.5417



19.9172, 21.1966, 21.1710



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.



89.4703, 97.2622, 81.0772



88.4590, 96.7547, 76.0694



83.8739, 94.8465, 80.9059



19.5157, 20.9996, 19.1691



39.1015, 46.2143, 6.8594



3.8202, 4.5258, 0.6722

Inverse Universe

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



72.8561, 73.4646, 104.9479



68.8563, 68.6765, 104.2345



77.9081, 75.6830, 105.1098



17.0432, 17.4580, 22.7214



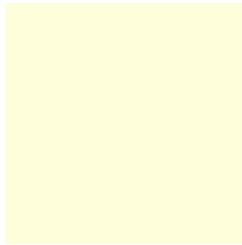
9.4888, 3.8872, 49.6848



0.9374, 0.4055, 4.8421

Previews

White Background



This preview shows how the XYZ color 89.4680, 97.2581, 81.0751 looks on a white background.

Color Contrast Check

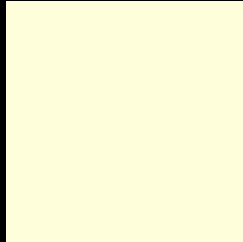
Large Text (above 18pt) WCAG AA × Fail

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 89.4680, 97.2581, 81.0751 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 89.4680, 97.2581, 81.0751

Background



This preview shows how black text looks on a background with the XYZ color 89.4680, 97.2581, 81.0751.



This preview shows how white text looks on a background with the XYZ color 89.4680, 97.2581,

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

89.4680, 97.2581, 81.0751



Protanopia

92.3795, 97.4125, 99.5215

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

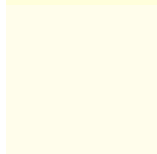
93.4202, 97.2852, 108.4619

Trichromacy



Original Color

89.4680, 97.2581, 81.0751



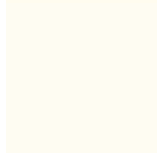
Protanomaly

91.3607, 97.5087, 92.6031



Deuteranomaly

91.6304, 97.1128, 95.5766



Tritanomaly

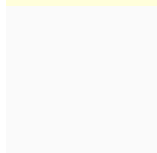
91.7105, 97.1024, 97.9134

Monochromacy



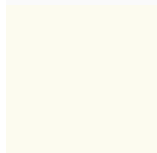
Original Color

89.4680, 97.2581, 81.0751



Achromatopsia

90.8653, 95.5973, 104.1055



Achromatomaly

90.2221, 95.9218, 95.4209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.4680, 97.2581, 81.0751 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, 254, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 219)  
}
```

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, 254, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 219) }
```

Border

The CSS property to change the border of an element to XYZ 89.4680, 97.2581, 81.0751 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, 254, 219) }
```


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

```
.border{ border-color:rgb(255, 254, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4680, 97.2581, 81.0751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 219) }
```

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

```
.background{ background-color: rgb(255,  
254, 219) }
```

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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