

Converting Colors

XYZ(82.6541, 88.2022, 72.6659)

Have a look what the booklet for
XYZ(82.6541, 88.2022, 72.6659)
contains.

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Color

**XYZ(83.0444, 88.6169,
73.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF2D1
RGB	251, 242, 209
RGB Percent	98%, 95%, 82%
CMY	0.0157, 0.0510, 0.1804
CMYK	0.00, 0.04, 0.17, 0.02
HSL	47°, 84%, 90%
HSV	47°, 17%, 98%
XYZ	83.0444, 88.6169, 73.0495
YIQ	240.9290, 15.9570, -8.3550

Conversions

Conversions Part 2

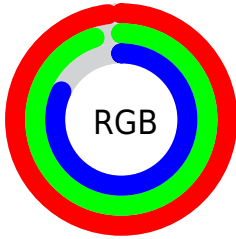
Format	Color
R _Y B	220, 251, 209
Decimal	16511697
CIE Lab	95.42, -2.26, 17.02
CIE LCh	95, 17.168, 97.563
Yxy	88.6169, 0.3394, 0.3621
Android (android.graphics.Color)	4294701777 (0xFFFBF2D1)
YUV	240.9290, -15.7410, 8.8323
Hunter-Lab	94.1365, -7.2717, 19.8868

Details

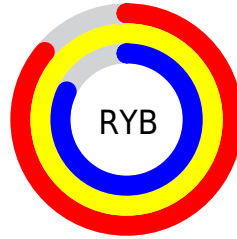
The XYZ color **83.0444, 88.6169, 73.0495** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **68.7783, 70.6617, 101.2815**, and the grayscale version is **83.6664, 88.0236, 95.8577**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7234, 48.9537, 38.0495** is the 20% darker color. If you saturate the color by 10%, you get **78.6027, 84.3206, 57.4262**, and if you desaturate by 10%, it is **88.0275, 93.2110, 91.2708**.

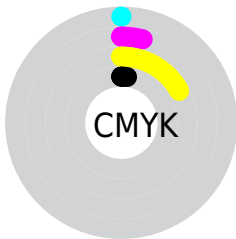
Distribution



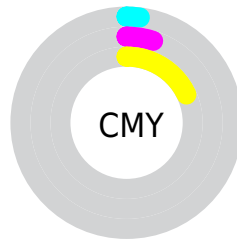
- Red (98%)
- Green (95%)
- Blue (82%)



- Red (86%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0444, 88.6169, 73.0495 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 83.0444, 88.6169, 73.0495 by changing the saturation by 10% instead.


 83.0444, 88.6169,
73.0495

 83.0444, 88.6169,
73.0495


493.7162,
523.5213, 490.2617

 62.5438, 66.8341,
53.5244


136.5658,
145.4157, 125.2690

 45.7295, 48.9498,
37.8309


170.3174,
181.2005, 158.8005

 32.2362, 34.5797,
25.5507


209.2167,
222.4214, 197.8379

 21.6984, 23.3393,
16.2651

253.6290,
269.4628, 242.7997

 13.7508, 14.8442,
9.5555

303.9198,
322.7091, 294.1044

 8.0281, 8.7101,
5.0035

360.4544,

 4.1649, 4.5526,

382.5447, 352.1707

2.1906

423.5980,
449.3540, 417.4169

■ 1.7958, 1.9872,
0.6689

■ 0.5152, 0.6000,
0.0000

■ 83.0444, 88.6169,
73.0495

■ 83.0444, 88.6169,
73.0495

■ 78.6027, 84.3206,
57.4262

■ 88.0275, 93.2110,
91.2708

■ 74.6721, 80.3004,
44.2747

■ 92.8826, 97.8267,
108.5948

■ 71.2298, 76.5495,
33.4667

■ 93.5939, 99.2494,
108.8319

■ 68.2485, 73.0563,
24.8600

■ 65.6979, 69.8080,
18.2972

■ 63.5435, 66.7902,
13.5995

■ 61.7454, 63.9862,
10.5573

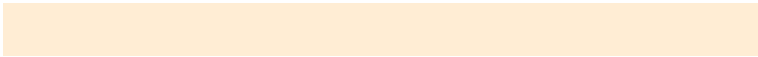
■ 60.2527, 61.3750,
8.9064

■ 59.8060, 60.5534,
8.5359

Harmonies

Analogous

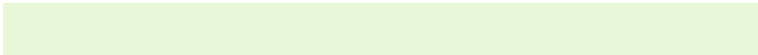
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7224, 88.6169, 74.4987



83.0444, 88.6169, 73.0495



78.8402, 88.6169, 77.4012

Triad

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



83.0444, 88.6169, 73.0495



77.2686, 88.6169, 113.1343



92.8556, 88.6169, 106.7026

Complementary

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



83.0444, 88.6169, 73.0495



68.7783, 70.6617, 101.2815

Split Complementary

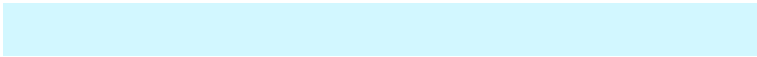
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.8553, 88.6169, 118.4816



83.0444, 88.6169, 73.0495



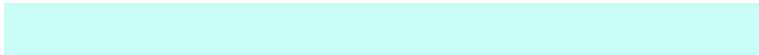
80.8271, 88.6169, 122.4290

Square

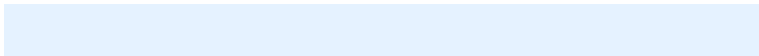
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0444, 88.6169, 73.0495



75.5871, 88.6169, 99.9338



85.4222, 88.6169, 124.4716



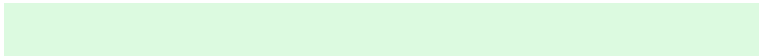
93.5029, 88.6169, 93.1237

Rectangle

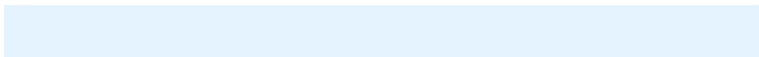
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.0444, 88.6169, 73.0495



76.8319, 88.6169, 83.2679



85.4222, 88.6169, 124.4716



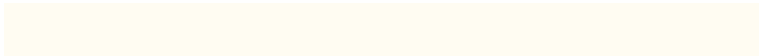
92.0835, 88.6169, 111.0398

Sweetspot

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



83.0468, 88.6208, 73.0514



92.1997, 97.4760, 98.1567



75.2531, 71.1786, 76.1720



19.6513, 20.7893, 20.6986



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

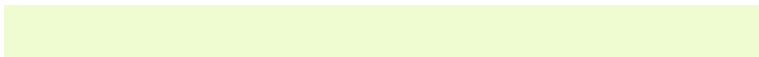
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0468, 88.6208, 73.0514



84.5131, 90.3677, 70.1151



81.6370, 91.9667, 73.7715



18.3934, 19.5227, 18.2612



31.5469, 32.0505, 4.5237



2.9976, 3.1200, 0.4442

Inverse Universe

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



68.7783, 70.6617, 101.2815



67.2325, 68.6187, 104.3089



70.0025, 67.9237, 100.6885



16.5843, 17.2454, 21.8399



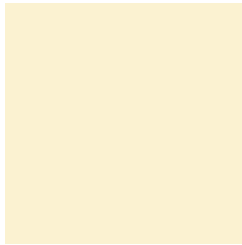
9.9255, 5.2067, 48.4554



0.9930, 0.6297, 4.5124

Previews

White Background



This preview shows how the XYZ color 83.0444, 88.6169, 73.0495 looks on a white background.

Color Contrast Check

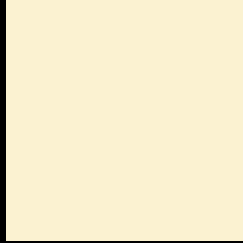
Large Text (above 18pt) WCAG AA × Fail

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 83.0444, 88.6169, 73.0495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

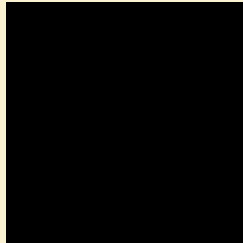
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.0444, 88.6169, 73.0495

Background



This preview shows how black text looks on a background with the XYZ color 83.0444, 88.6169, 73.0495.



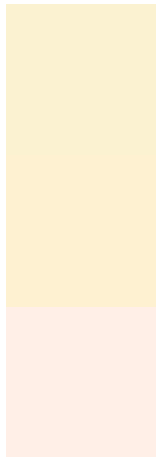
This preview shows how white text looks on a background with the XYZ color 83.0444, 88.6169,

73.0495.

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

83.0444, 88.6169, 73.0495

Protanopia

83.8370, 88.5849, 73.0015

Deuteranopia

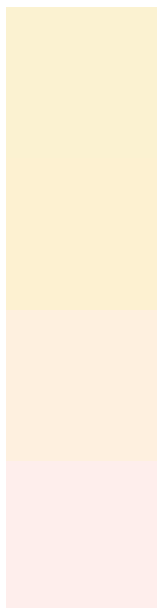
86.5303, 88.7625, 88.1735



Tritanopia

88.8061, 88.2792, 104.4545

Trichromacy



Original Color

83.0444, 88.6169, 73.0495

Protanomaly

83.4719, 88.3967, 72.9844

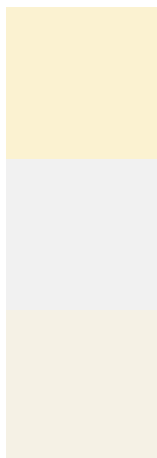
Deuteranomaly

85.3524, 88.7187, 82.4379

Tritanomaly

86.5879, 88.2760, 91.8322

Monochromacy



Original Color

83.0444, 88.6169, 73.0495

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.2543, 87.9802, 86.7226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.0444, 88.6169, 73.0495 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(251, 242, 209)` looks like.

```
.text, #text, p{  
    color:rgb(251, 242, 209)  
}
```

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(251, 242, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 242, 209) }
```

Border

The CSS property to change the border of an element to XYZ 83.0444, 88.6169, 73.0495 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(251, 242, 209) }
```


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

```
.border{ border-color:rgb(251, 242, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 242, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 242, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 242, 209);  
box-shadow:4px 4px 4px 4px rgb(251, 242,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 83.0444, 88.6169, 73.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 242, 209) }
```

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

```
.background{ background-color: rgb(251,  
242, 209) }
```

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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