

Converting Colors

XYZ(81.2770, 84.4749, 76.2536)

Have a look what the booklet for XYZ(81.2770, 84.4749, 76.2536) contains.

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Color

**XYZ(81.3984, 84.6470,
76.3383)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEBD7
RGB	250, 235, 215
RGB Percent	98%, 92%, 84%
CMY	0.0196, 0.0784, 0.1569
CMYK	0.00, 0.06, 0.14, 0.02
HSL	34°, 78%, 91%
HSV	34°, 14%, 98%
XYZ	81.3984, 84.6470, 76.3383
YIQ	237.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

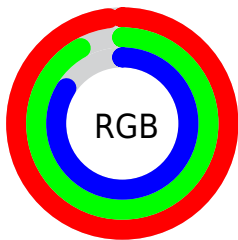
Format	Color
R_{YB}	241, 250, 215
Decimal	16444375
CIE Lab	93.73, 1.84, 11.52
CIE LCh	94, 11.663, 80.910
Yxy	84.6470, 0.3358, 0.3492
Android (android.graphics.Color)	4294634455 (0xFFFAEBD7)
YUV	237.2050, -10.9471, 11.2212
Hunter-Lab	92.0038, -3.0826, 15.2080

Details

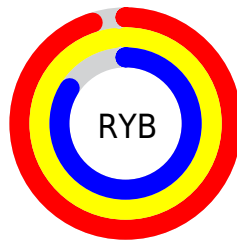
The XYZ color **81.3984, 84.6470, 76.3383** is a light color, and the websafe version is hex FFFFFFFF, and the color name is [antiquewhite](#). A complement of this color would be **73.5761, 77.9411, 101.6094**, and the grayscale version is **80.7295, 84.9338, 92.4929**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4576, 46.1157, 39.8158** is the 20% darker color. If you saturate the color by 10%, you get **75.4542, 77.5122, 59.7006**, and if you desaturate by 10%, it is **88.0228, 92.3550, 95.6265**.

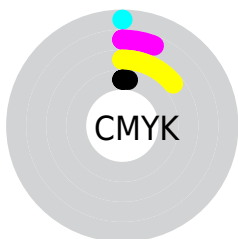
Distribution



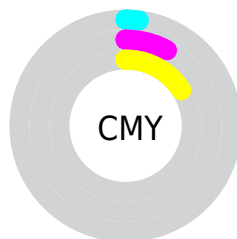
- Red (98%)
- Green (92%)
- Blue (84%)



- Red (95%)
- Yellow (98%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3984, 84.6470, 76.3383 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 81.3984, 84.6470, 76.3383 by changing the saturation by 10% instead.

81.3984, 84.6470,
76.3383

81.3984, 84.6470,
76.3383

488.2982,
510.4593, 501.8826

61.1822, 63.5497,
56.2016

134.2703,
139.8799, 129.9695

44.6253, 46.2861,
39.9595

167.6566,
174.7843, 164.3011

31.3624, 32.4716,
27.1934

206.1637,
215.0599, 204.2014

21.0282, 21.7220,
17.4848

250.1570,
261.0910, 250.0889

13.2572, 13.6528,
10.4152

300.0017,
313.2622, 302.3823

7.6841, 7.8796,
5.5659

356.0632,

3.9436, 4.0180,

371.9576, 361.5000

2.5185

418.7069,
437.5619, 427.8606

■ 1.6703, 1.6836,
0.8499

■ 0.4375, 0.4130,
0.0000

■ 81.3984, 84.6470,
76.3383

■ 81.3984, 84.6470,
76.3383

■ 75.4542, 77.5122,
59.7006

■ 88.0228, 92.3550,
95.6265

■ 70.1579, 70.9240,
45.5901

■ 93.2346, 99.0641,
108.8150

■ 65.4846, 64.8700,
33.8813

■ 61.4047, 59.3330,
24.4361

■ 57.8862, 54.2945,
17.1021

■ 54.8930, 49.7342,
11.7077

■ 52.3839, 45.6298,
8.0541

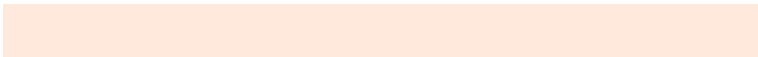
■ 50.3091, 41.9551,
5.8985

■ 49.2311, 39.9371,
5.1139

Harmonies

Analogous

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



84.2660, 84.6470, 79.5589



81.3984, 84.6470, 76.3383



78.3488, 84.6470, 77.1424

Triad

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



81.3984, 84.6470, 76.3383



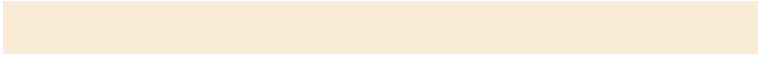
75.0216, 84.6470, 98.3847



85.1630, 84.6470, 103.3374

Complementary

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



81.3984, 84.6470, 76.3383



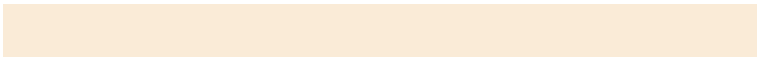
73.5761, 77.9411, 101.6094

Split Complementary

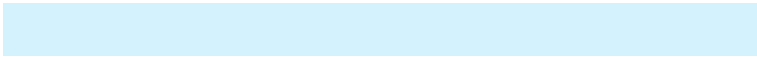
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5974, 84.6470, 109.0240



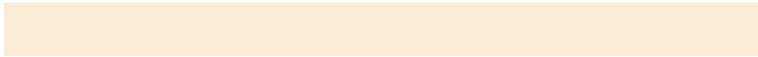
81.3984, 84.6470, 76.3383



76.7596, 84.6470, 106.0396

Square

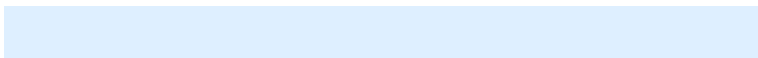
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3984, 84.6470, 76.3383



74.7192, 84.6470, 89.4994



79.5178, 84.6470, 110.0433



86.4759, 84.6470, 94.8854

Rectangle

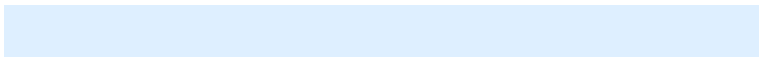
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3984, 84.6470, 76.3383



76.6193, 84.6470, 79.8749



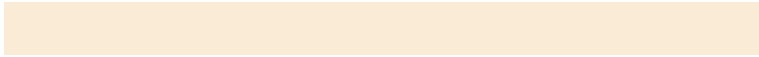
79.5178, 84.6470, 110.0433



84.4155, 84.6470, 105.6578

Sweetspot

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



81.4007, 84.6507, 76.3401



92.0726, 96.6038, 100.0199



78.0320, 74.6485, 85.2825



19.5903, 20.5428, 21.0620



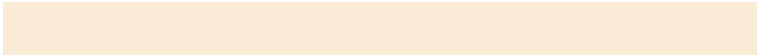
0.0000, 0.0000, 0.0000



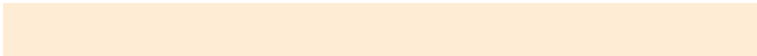
20.3446, 21.4041, 23.3091

Same Dimension

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



81.4007, 84.6507, 76.3401



83.1983, 86.2333, 74.3158



85.0454, 93.1738, 77.7931



18.0683, 18.8724, 18.1528



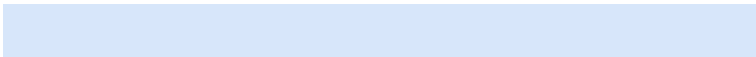
26.2593, 21.4752, 2.7611



2.5373, 2.1994, 0.2908

Inverse Universe

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



73.5761, 77.9411, 101.6094



73.4593, 77.8825, 105.7689



70.2713, 70.3070, 100.3100



16.8945, 17.8658, 21.9433



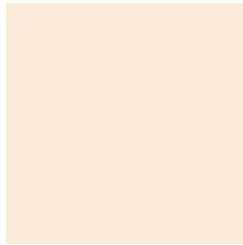
12.0836, 9.5228, 49.1748



1.2220, 1.0876, 4.5887

Previews

White Background



This preview shows how the XYZ color 81.3984, 84.6470, 76.3383 looks on a white background.

Color Contrast Check

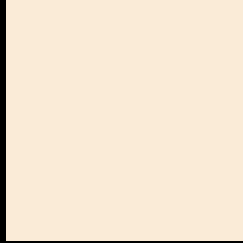
Large Text (above 18pt) WCAG AA × Fail

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 81.3984, 84.6470, 76.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

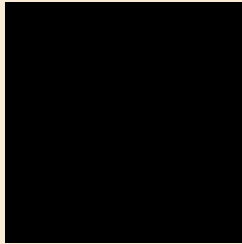
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3984, 84.6470, 76.3383

Background



This preview shows how black text looks on a background with the XYZ color 81.3984, 84.6470, 76.3383.



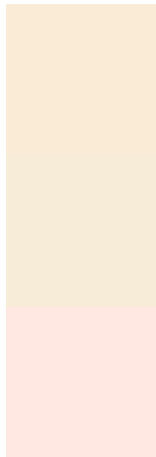
This preview shows how white text looks on a background with the XYZ color 81.3984, 84.6470,

76.3383.

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

81.3984, 84.6470, 76.3383

Protanopia

80.3962, 84.5416, 77.0466

Deuteranopia

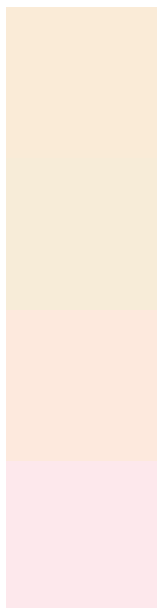
83.6872, 84.4095, 83.1160



Tritanopia

86.1131, 84.4418, 100.5672

Trichromacy



Original Color

81.3984, 84.6470, 76.3383

Protanomaly

80.7479, 84.7229, 77.0630

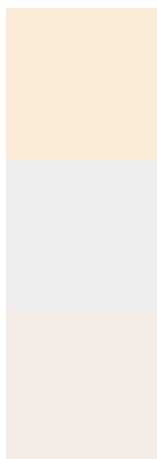
Deuteranomaly

82.6981, 84.3809, 80.3351

Tritanomaly

84.5049, 84.6520, 91.2425

Monochromacy



Original Color

81.3984, 84.6470, 76.3383

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.7563, 84.5253, 86.1874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3984, 84.6470, 76.3383 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(250, 235, 215) looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 215)  
}
```

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(250, 235, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 215) }
```

Border

The CSS property to change the border of an element to XYZ 81.3984, 84.6470, 76.3383 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(250, 235, 215) }
```


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

```
.border{ border-color:rgb(250, 235, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 235, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3984, 84.6470, 76.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 215) }
```

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

```
.background{ background-color: rgb(250,  
235, 215) }
```

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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