

Converting Colors

XYZ(94.8564, 80.7043, 44.3692)

Have a look what the booklet for
XYZ(94.8564, 80.7043, 44.3692)
contains.

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Color

**XYZ(69.5043, 67.4959,
43.0829)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDA1
RGB	255, 205, 161
RGB Percent	100%, 80%, 63%
CMY	0.0000, 0.1961, 0.3686
CMYK	0.00, 0.20, 0.37, 0.00
HSL	28°, 100%, 82%
HSV	28°, 37%, 100%
XYZ	69.5043, 67.4959, 43.0829
YIQ	214.9340, 43.9240, -3.0840

Conversions

Conversions Part 2

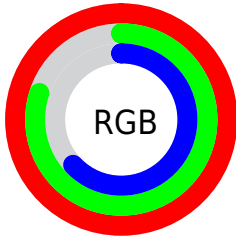
Format	Color
R _Y B	255, 244, 161
Decimal	16764321
CIE Lab	85.75, 11.87, 28.61
CIE LCh	86, 30.974, 67.464
Yxy	67.4959, 0.3860, 0.3748
Android (android.graphics.Color)	4294954401 (0xFFFFCDA1)
YUV	214.9340, -26.5895, 35.1379
Hunter-Lab	82.1559, 7.2391, 26.4172

Details

The XYZ color **69.5043, 67.4959, 43.0829** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0412, 61.3832, 103.5020**, and the grayscale version is **64.7016, 68.0711, 74.1295**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **36.8529, 35.1077, 19.3021** is the 20% darker color. If you saturate the color by 10%, you get **64.3764, 60.4792, 31.3880**, and if you desaturate by 10%, it is **75.3755, 75.2649, 57.2894**.

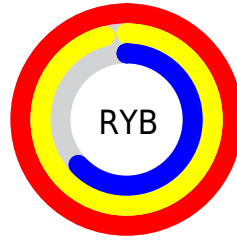
Distribution



Red (100%)

Green (80%)

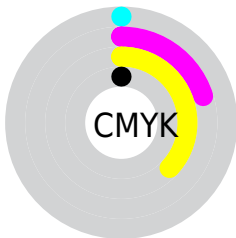
Blue (63%)



Red (100%)

Yellow (96%)

Blue (63%)

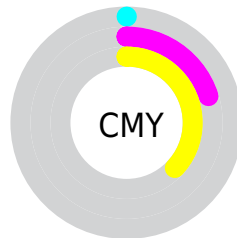


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5043, 67.4959, 43.0829 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 69.5043, 67.4959, 43.0829 by changing the saturation by 10% instead.


 69.5043, 67.4959,
43.0829


 69.5043, 67.4959,
43.0829


448.1012,
451.7079, 374.8838

 51.4007, 49.4877,
29.6183


 117.5317,
115.6307, 81.1236

 36.7499, 35.0065,
19.2994


 148.1862,
146.5261, 106.5368

 25.1867, 23.6679,
11.7079


183.7550,
182.4861, 136.7700

 16.3457, 15.0875,
6.4250

224.6035,
223.8950, 172.2416

 9.8615, 8.8808,
3.0322

271.0970,
271.1372, 213.3703

 5.3688, 4.6635,
1.1111

323.6008,

 2.5022, 2.0512,

324.5972, 260.5745

0.0000

382.4805,
384.6593, 314.2728

■ 0.8964, 0.6370,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.5043, 67.4959,
43.0829

■ 69.5043, 67.4959,
43.0829

■ 64.3764, 60.4792,
31.3880

■ 75.3755, 75.2649,
57.2894

■ 59.9515, 54.1797,
22.0503

■ 82.0173, 83.8006,
74.1408

■ 56.1927, 48.5736,
14.9049

■ 89.4620, 93.1289,
93.7661

■ 53.0571, 43.6311,
9.7631

95.0499, 100.0000,
108.9000

■ 50.4950, 39.3196,
6.4040

■ 48.4455, 35.6011,
4.5481

■ 47.8818, 34.5437,
4.1439

Harmonies

Analogous

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



75.5570, 67.4959, 52.2665



69.5043, 67.4959, 43.0829



62.4034, 67.4959, 41.2583

Triad

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



69.5043, 67.4959, 43.0829



51.5980, 67.4959, 78.6648



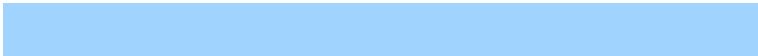
72.7802, 67.4959, 108.9199

Complementary

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



69.5043, 67.4959, 43.0829



56.0412, 61.3832, 103.5020

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.



65.9346, 67.4959, 119.2376



69.5043, 67.4959, 43.0829



53.9581, 67.4959, 99.8019

Square

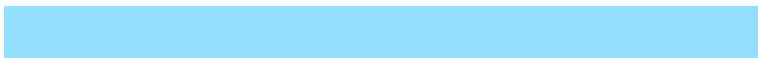
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5043, 67.4959, 43.0829



52.4002, 67.4959, 59.5595



59.0833, 67.4959, 115.6259



77.5432, 67.4959, 89.4426

Rectangle

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



69.5043, 67.4959, 43.0829



58.0865, 67.4959, 44.0812



59.0833, 67.4959, 115.6259



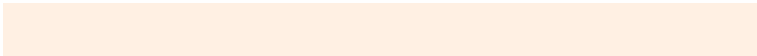
70.6275, 67.4959, 113.7232

Sweetspot

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



69.5060, 67.4991, 43.0843



86.2823, 89.1715, 85.3011



65.7598, 51.4602, 68.1830



18.2515, 18.8152, 17.6870



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.



69.5060, 67.4991, 43.0843



65.7711, 62.4137, 34.4878



82.4416, 93.3702, 47.3961



18.7105, 19.3891, 18.9007



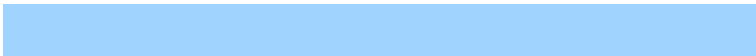
25.1657, 18.3426, 2.2141



2.5585, 2.0023, 0.2516

Inverse Universe

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



56.0412, 61.3832, 103.5020



50.5750, 55.5056, 102.6558



46.0479, 41.3965, 100.1709



17.8029, 18.9775, 22.9747



14.1551, 13.2198, 51.2402



1.4876, 1.5060, 5.0255

Previews

White Background



This preview shows how the XYZ color 69.5043, 67.4959, 43.0829 looks on a white background.

Color Contrast Check

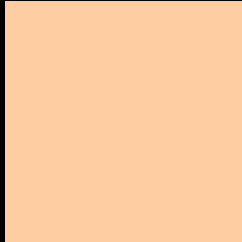
Large Text (above 18pt) WCAG AA × Fail

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 69.5043, 67.4959, 43.0829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

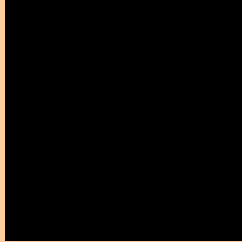
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.5043, 67.4959, 43.0829

Background



This preview shows how black text looks on a background with the XYZ color 69.5043, 67.4959, 43.0829.



This preview shows how white text looks on a background with the XYZ color 69.5043, 67.4959,

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

69.5043, 67.4959, 43.0829

Protanopia

63.1512, 67.4678, 45.2915

Deuteranopia

69.0123, 67.5985, 43.1287



Tritanopia

73.9045, 67.3726, 72.0598

Trichromacy



Original Color

69.5043, 67.4959, 43.0829

Protanomaly

65.2550, 67.4460, 44.7010

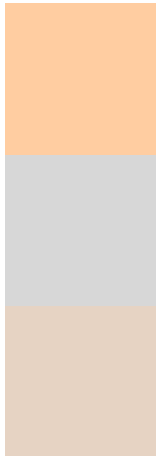
Deuteranomaly

69.3774, 67.7867, 43.1458

Tritanomaly

72.0981, 67.3961, 60.2477

Monochromacy



Original Color

69.5043, 67.4959, 43.0829

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.7777, 67.3517, 61.1631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5043, 67.4959, 43.0829 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, 205, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 161)  
}
```

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, 205, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 161) }
```

Border

The CSS property to change the border of an element to XYZ 69.5043, 67.4959, 43.0829 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, 205, 161) }
```


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

```
.border{ border-color:rgb(255, 205, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5043, 67.4959, 43.0829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 161) }
```

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

```
.background{ background-color: rgb(255,  
205, 161) }
```

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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