

Converting Colors

XYZ(69.9113, 68.3591, 43.0665)

Have a look what the booklet for
XYZ(69.9113, 68.3591, 43.0665)
contains.

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Color

**XYZ(69.9858, 68.4589,
43.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFA1
RGB	255, 207, 161
RGB Percent	100%, 81%, 63%
CMY	0.0000, 0.1882, 0.3686
CMYK	0.00, 0.19, 0.37, 0.00
HSL	29°, 100%, 82%
HSV	29°, 37%, 100%
XYZ	69.9858, 68.4589, 43.2434
YIQ	216.1080, 43.3740, -4.1300

Conversions

Conversions Part 2

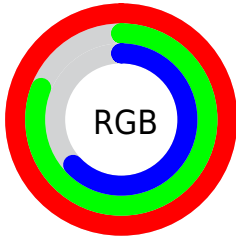
Format	Color
RYB	255, 251, 161
Decimal	16764833
CIELab	86.24, 10.83, 29.26
CIELCh	86, 31.198, 69.682
Yxy	68.4589, 0.3852, 0.3768
Android (android.graphics.Color)	4294954913 (0xFFFFCFA1)
YUV	216.1080, -27.1682, 34.1083
Hunter-Lab	82.7399, 6.1900, 26.9304

Details

The XYZ color **69.9858, 68.4589, 43.2434** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5475, 60.3956, 103.3374**, and the grayscale version is **65.5040, 68.9153, 75.0488**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **37.1775, 35.7569, 19.4103** is the 20% darker color. If you saturate the color by 10%, you get **64.9374, 61.6012, 31.5750**, and if you desaturate by 10%, it is **75.7564, 76.0267, 57.4164**.

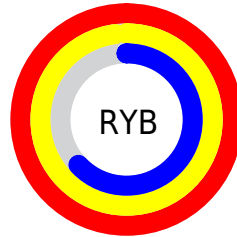
Distribution



Red (100%)

Green (81%)

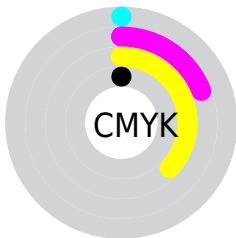
Blue (63%)



Red (100%)

Yellow (98%)

Blue (63%)

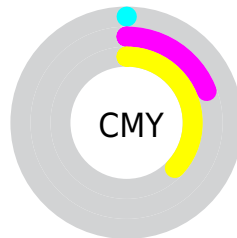


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9858, 68.4589, 43.2434 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 69.9858, 68.4589, 43.2434 by changing the saturation by 10% instead.


 69.9858, 68.4589,
43.2434


 69.9858, 68.4589,
43.2434


449.7673,
455.1202, 375.5624

 51.7945, 50.2712,
29.7433


 118.2149,
117.0084, 81.3683

 37.0649, 35.6289,
19.3934


 148.9834,
148.1389, 106.8303

 25.4317, 24.1477,
11.7752


184.6750,
184.3525, 137.1165

 16.5294, 15.4432,
6.4701

225.6551,
226.0336, 172.6457

 9.9928, 9.1311,
3.0596

272.2890,
273.5665, 213.8364

 5.4564, 4.8268,
1.1252

324.9421,

 2.5549, 2.1460,

327.3356, 261.1070

0.0000

383.9798,
387.7254, 314.8762

■ 0.9230, 0.6903,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9858, 68.4589,
43.2434

■ 69.9858, 68.4589,
43.2434

■ 64.9374, 61.6012,
31.5750

■ 75.7564, 76.0267,
57.4164

■ 60.5717, 55.4203,
22.2571

■ 82.2757, 84.3174,
74.2270

■ 56.8529, 49.8939,
15.1249

■ 89.5752, 93.3552,
93.8038

■ 53.7388, 44.9945,
9.9904

95.0499, 100.0000,
108.9000

■ 51.1809, 40.6913,
6.6327

■ 49.1194, 36.9487,
4.7727

■ 48.5486, 35.8774,
4.3662

Harmonies

Analogous

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



76.2940, 68.4589, 52.0164



69.9858, 68.4589, 43.2434



62.7715, 68.4589, 41.9359

Triad

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



69.9858, 68.4589, 43.2434



52.3737, 68.4589, 81.3964



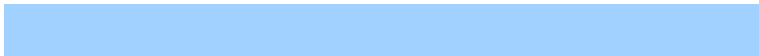
74.2974, 68.4589, 109.3378

Complementary

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



69.9858, 68.4589, 43.2434



55.5475, 60.3956, 103.3374

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.



67.4201, 68.4589, 120.7584



69.9858, 68.4589, 43.2434



55.0013, 68.4589, 102.7760

Square

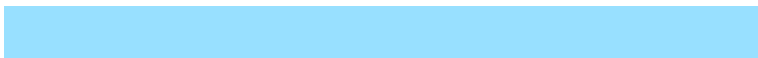
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9858, 68.4589, 43.2434



52.9495, 68.4589, 61.6242



60.3864, 68.4589, 118.1580



78.9076, 68.4589, 89.1453

Rectangle

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



69.9858, 68.4589, 43.2434



58.4619, 68.4589, 45.1707



60.3864, 68.4589, 118.1580



72.1542, 68.4589, 114.4845

Sweetspot

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



69.9875, 68.4621, 43.2448



86.4584, 89.5236, 85.3598



65.5641, 51.3819, 67.1527



18.2934, 18.8991, 17.7010



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.



69.9875, 68.4621, 43.2448



66.3114, 63.4944, 34.6679



82.9353, 94.3576, 47.5607



18.7434, 19.4549, 18.9116



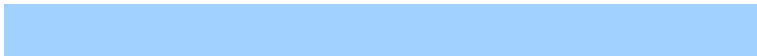
25.5162, 19.0437, 2.3309



2.5934, 2.0721, 0.2633

Inverse Universe

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



55.5475, 60.3956, 103.3374



50.0174, 54.3905, 102.4700



45.7689, 40.8386, 100.0779



17.7698, 18.9113, 22.9636



13.7663, 12.4422, 51.1106



1.4497, 1.4302, 5.0129

Previews

White Background



This preview shows how the XYZ color 69.9858, 68.4589, 43.2434 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 69.9858, 68.4589, 43.2434 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 69.9858, 68.4589, 43.2434

Background



This preview shows how black text looks on a background with the XYZ color 69.9858, 68.4589, 43.2434.



This preview shows how white text looks on a background with the XYZ color 69.9858, 68.4589,

43.2434.

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

69.9858, 68.4589, 43.2434

Protanopia

64.3024, 68.8173, 45.4913

Deuteranopia

69.9858, 68.4589, 43.2434



Tritanopia

74.6263, 68.4074, 73.5607

Trichromacy



Original Color

69.9858, 68.4589, 43.2434

Protanomaly

66.4303, 68.7941, 44.8993

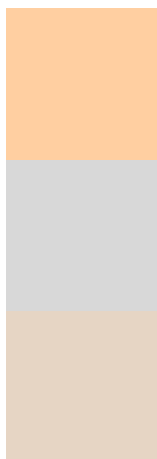
Deuteranomaly

69.9858, 68.4589, 43.2434

Tritanomaly

72.6832, 68.3859, 60.9987

Monochromacy



Original Color

69.9858, 68.4589, 43.2434

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.3912, 68.3970, 61.9273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9858, 68.4589, 43.2434 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, 207, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 161) }
```

Border

The CSS property to change the border of an element to XYZ 69.9858, 68.4589, 43.2434 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, 207, 161) }
```


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

```
.border{ border-color:rgb(255, 207, 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, 207, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9858, 68.4589, 43.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 161) }
```

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

```
.background{ background-color: rgb(255,  
207, 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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