

Converting Colors

XYZ(87.4130, 76.3579, 43.8622)

Have a look what the booklet for
XYZ(87.4130, 76.3579, 43.8622)
contains.

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Color

**XYZ(69.2659, 67.0189,
43.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCA1
RGB	255, 204, 161
RGB Percent	100%, 80%, 63%
CMY	0.0000, 0.2000, 0.3686
CMYK	0.00, 0.20, 0.37, 0.00
HSL	27°, 100%, 82%
HSV	27°, 37%, 100%
XYZ	69.2659, 67.0189, 43.0035
YIQ	214.3470, 44.1990, -2.5610

Conversions

Conversions Part 2

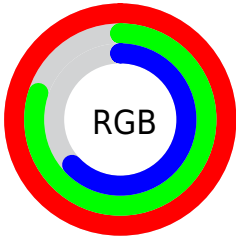
Format	Color
R _Y B	255, 240, 161
Decimal	16764065
CIE Lab	85.51, 12.39, 28.28
CIE LCh	86, 30.880, 66.342
Yxy	67.0189, 0.3863, 0.3738
Android (android.graphics.Color)	4294954145 (0xFFFFCCA1)
YUV	214.3470, -26.3001, 35.6527
Hunter-Lab	81.8651, 7.7647, 26.1607

Details

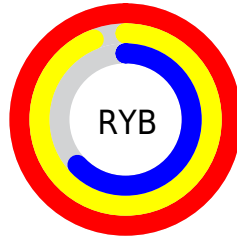
The XYZ color **69.2659, 67.0189, 43.0035** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.2907, 61.8820, 103.5853**, and the grayscale version is **64.3025, 67.6513, 73.6722**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **36.6926, 34.7871, 19.2487** is the 20% darker color. If you saturate the color by 10%, you get **64.0995, 59.9252, 31.2957**, and if you desaturate by 10%, it is **75.1863, 74.8864, 57.2264**.

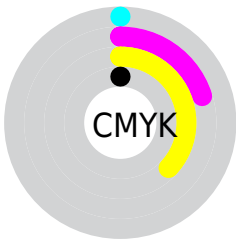
Distribution



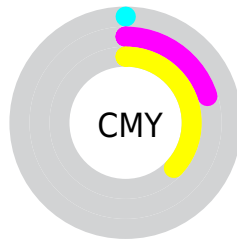
- Red (100%)
- Green (80%)
- Blue (63%)



- Red (100%)
- Yellow (94%)
- 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 69.2659, 67.0189, 43.0035 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 69.2659, 67.0189, 43.0035 by changing the saturation by 10% instead.


 69.2659, 67.0189,
43.0035


 69.2659, 67.0189,
43.0035


447.2749,
450.0120, 374.5478

 51.2057, 49.1000,
29.5564


 117.1933,
114.9475, 81.0026

 36.5941, 34.6988,
19.2530


 147.7912,
145.7260, 106.3916

 25.0656, 23.4310,
11.6746


183.2990,
181.5597, 136.5985

 16.2549, 14.9120,
6.4026

224.0822,
222.8332, 172.0416

 9.7967, 8.7577,
3.0187

270.5060,
269.9308, 213.1395

 5.3256, 4.5835,
1.1042

322.9358,

 2.4763, 2.0050,

323.2369, 260.3109

0.0000

381.7370,
383.1358, 313.9741

■ 0.8833, 0.6104,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2659, 67.0189,
43.0035

■ 69.2659, 67.0189,
43.0035

■ 64.0995, 59.9252,
31.2957

■ 75.1863, 74.8864,
57.2264

■ 59.6465, 53.5696,
21.9487

■ 81.8888, 83.5432,
74.0981

■ 55.8695, 47.9271,
14.7972

■ 89.4056, 93.0160,
93.7475

■ 52.7250, 42.9669,
9.6525

95.0500, 100.0000,
108.9000

■ 50.1630, 38.6554,
6.2933

■ 48.1217, 34.9533,
4.4402

■ 47.5621, 33.9043,
4.0374

Harmonies

Analogous

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



75.1919, 67.0189, 52.3931



69.2659, 67.0189, 43.0035



62.2213, 67.0189, 40.9225

Triad

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



69.2659, 67.0189, 43.0035



51.2138, 67.0189, 77.3225



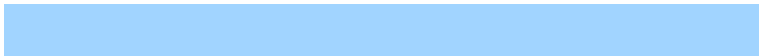
72.0305, 67.0189, 108.7144

Complementary

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



69.2659, 67.0189, 43.0035



56.2907, 61.8820, 103.5853

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.



65.2009, 67.0189, 118.4846



69.2659, 67.0189, 43.0035



53.4421, 67.0189, 98.3375

Square

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



69.2659, 67.0189, 43.0035



52.1278, 67.0189, 58.5447



58.4395, 67.0189, 114.3754



76.8681, 67.0189, 89.5942

Rectangle

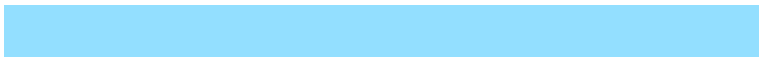
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.2659, 67.0189, 43.0035



57.9006, 67.0189, 43.5432



58.4395, 67.0189, 114.3754



69.8731, 67.0189, 113.3467

Sweetspot

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



69.2676, 67.0220, 43.0049



86.1945, 88.9958, 85.2718



65.9575, 51.5393, 69.2236



18.2306, 18.7734, 17.6801



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.



69.2676, 67.0220, 43.0049



65.5039, 61.8794, 34.3987



81.9521, 92.3911, 47.2330



18.6940, 19.3562, 18.8952



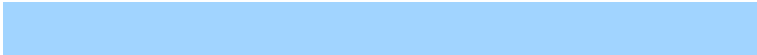
24.9974, 18.0060, 2.1580



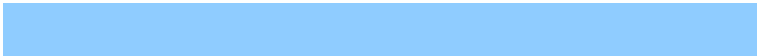
2.5416, 1.9685, 0.2460

Inverse Universe

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



56.2907, 61.8820, 103.5853



50.8572, 56.0699, 102.7499



46.3304, 41.9614, 100.2652



17.8195, 19.0107, 22.9802



14.3569, 13.6235, 51.3075



1.5072, 1.5451, 5.0321

Previews

White Background



This preview shows how the XYZ color 69.2659, 67.0189, 43.0035 looks on a white background.

Color Contrast Check

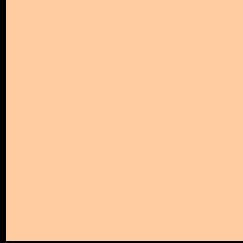
Large Text (above 18pt) WCAG AA × Fail

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 69.2659, 67.0189, 43.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

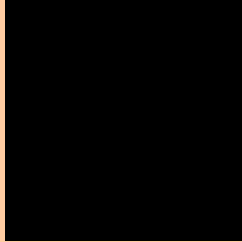
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2659, 67.0189, 43.0035

Background



This preview shows how black text looks on a background with the XYZ color 69.2659, 67.0189, 43.0035.



This preview shows how white text looks on a background with the XYZ color 69.2659, 67.0189,

43.0035.

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

69.2659, 67.0189, 43.0035

Protanopia

62.8330, 67.3037, 45.2766

Deuteranopia

68.4092, 66.9313, 43.0317



Tritanopia

73.5471, 66.8603, 71.3163

Trichromacy



Original Color

69.2659, 67.0189, 43.0035

Protanomaly

65.0073, 66.9507, 44.6185

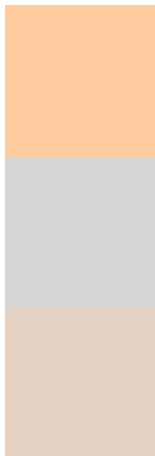
Deuteranomaly

68.7724, 67.1185, 43.0487

Tritanomaly

71.7523, 66.8835, 59.5801

Monochromacy



Original Color

69.2659, 67.0189, 43.0035

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.2100, 66.6913, 61.0655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2659, 67.0189, 43.0035 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, 204, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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, 204, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 161) }
```

Border

The CSS property to change the border of an element to XYZ 69.2659, 67.0189, 43.0035 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, 204, 161) }
```


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

```
.border{ border-color:rgb(255, 204, 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, 204, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2659, 67.0189, 43.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 161) }
```

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

```
.background{ background-color: rgb(255,  
204, 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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