

Converting Colors

XYZ(69.5530, 67.6892, 42.8034)

Have a look what the booklet for XYZ(69.5530, 67.6892, 42.8034) contains.

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Color

**XYZ(69.4165, 67.4607,
42.6203)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDA0
RGB	255, 205, 160
RGB Percent	100%, 80%, 63%
CMY	0.0000, 0.1961, 0.3725
CMYK	0.00, 0.20, 0.37, 0.00
HSL	28°, 100%, 81%
HSV	28°, 37%, 100%
XYZ	69.4165, 67.4607, 42.6203
YIQ	214.8200, 44.2450, -3.3950

Conversions

Conversions Part 2

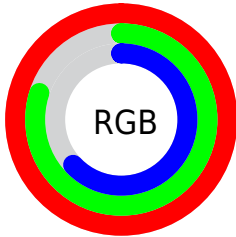
Format	Color
R _Y B	255, 246, 160
Decimal	16764320
CIE Lab	85.74, 11.76, 29.11
CIE LCh	86, 31.391, 68.003
Yxy	67.4607, 0.3867, 0.3758
Android (android.graphics.Color)	4294954400 (0xFFFFCDA0)
YUV	214.8200, -27.0263, 35.2379
Hunter-Lab	82.1345, 7.1252, 26.7280

Details

The XYZ color **69.4165, 67.4607, 42.6203** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5930, 60.7847, 103.4103**, and the grayscale version is **64.6271, 67.9927, 74.0441**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **36.7993, 35.0862, 19.0201** is the 20% darker color. If you saturate the color by 10%, you get **64.3372, 60.5134, 31.0275**, and if you desaturate by 10%, it is **75.2321, 75.1481, 56.7171**.

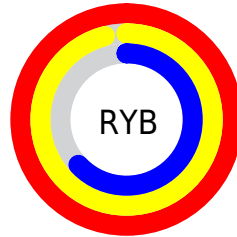
Distribution



Red (100%)

Green (80%)

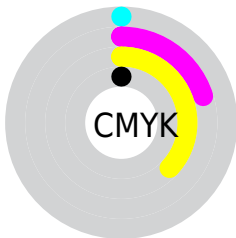
Blue (63%)



Red (100%)

Yellow (96%)

Blue (63%)

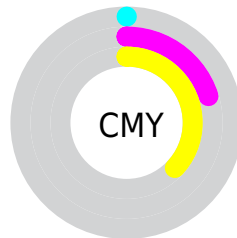


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4165, 67.4607, 42.6203 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 69.4165, 67.4607, 42.6203 by changing the saturation by 10% instead.


 69.4165, 67.4607,
42.6203


 69.4165, 67.4607,
42.6203


447.7970,
451.5829, 372.9232

 51.3289, 49.4591,
29.2581


 117.4071,
115.5803, 80.4178

 36.6925, 34.9838,
19.0289

 148.0407,
146.4671, 105.6901

 25.1421, 23.6504,
11.5141


183.5871,
182.4178, 135.7696

 16.3122, 15.0745,
6.2953

224.4115,
223.8167, 171.0748

 9.8376, 8.8717,
2.9538

270.8794,
271.0483, 212.0242

 5.3529, 4.6576,
1.0711

323.3560,

 2.4926, 2.0478,

324.4969, 259.0364

0.0000

382.2068,
384.5470, 312.5298

■ 0.8915, 0.6350,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4165, 67.4607,
42.6203

■ 69.4165, 67.4607,
42.6203

■ 64.3372, 60.5134,
31.0275

■ 75.2321, 75.1481,
56.7171

■ 59.9541, 54.2716,
21.7841

■ 81.8113, 83.5896,
73.4517

■ 56.2305, 48.7117,
14.7242

■ 89.1861, 92.8108,
92.9534

■ 53.1233, 43.8045,
9.6584

95.0500, 100.0000,
108.9000

■ 50.5829, 39.5178,
6.3642

■ 48.5474, 35.8135,
4.5550

■ 48.0536, 34.8872,
4.2012

Harmonies

Analogous

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



75.5932, 67.4607, 51.7500



69.4165, 67.4607, 42.6203



62.2214, 67.4607, 40.9136

Triad

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



69.4165, 67.4607, 42.6203



51.4275, 67.4607, 79.0814



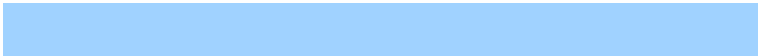
72.9765, 67.4607, 109.1155

Complementary

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



69.4165, 67.4607, 42.6203



55.5930, 60.7847, 103.4103

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.



66.0556, 67.4607, 119.8339



69.4165, 67.4607, 42.6203



53.8696, 67.4607, 100.5072

Square

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



69.4165, 67.4607, 42.6203



52.1807, 67.4607, 59.6502



59.0988, 67.4607, 116.4206



77.7528, 67.4607, 89.2365

Rectangle

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



69.4165, 67.4607, 42.6203



57.8692, 67.4607, 43.8466



59.0988, 67.4607, 116.4206



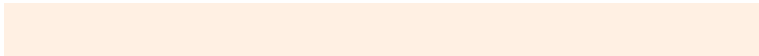
70.8042, 67.4607, 114.0631

Sweetspot

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



69.4182, 67.4639, 42.6217



86.3286, 89.2640, 85.3165



65.5274, 51.0888, 67.8172



18.2625, 18.8373, 17.6907



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.



69.4182, 67.4639, 42.6217



65.4203, 62.0173, 33.4302



82.3434, 93.3143, 46.9301



18.7191, 19.4064, 18.9035



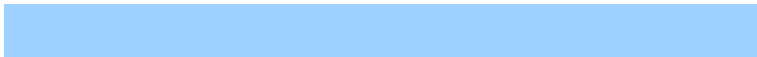
25.2560, 18.5233, 2.2442



2.5675, 2.0204, 0.2547

Inverse Universe

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



55.5930, 60.7847, 103.4103



49.7098, 54.4220, 102.4922



45.6747, 40.9480, 100.1042



17.7942, 18.9601, 22.9717



14.0510, 13.0115, 51.2055



1.4775, 1.4858, 5.0222

Previews

White Background



This preview shows how the XYZ color 69.4165, 67.4607, 42.6203 looks on a white background.

Color Contrast Check

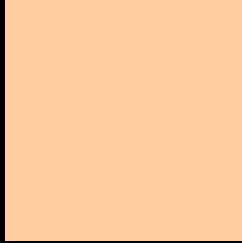
Large Text (above 18pt) WCAG AA × Fail

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 69.4165, 67.4607, 42.6203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

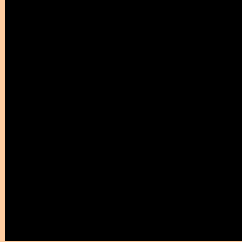
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4165, 67.4607, 42.6203

Background



This preview shows how black text looks on a background with the XYZ color 69.4165, 67.4607, 42.6203.



This preview shows how white text looks on a background with the XYZ color 69.4165, 67.4607,

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

69.4165, 67.4607, 42.6203

Protanopia

63.0605, 67.4315, 44.8139

Deuteranopia

68.9245, 67.5633, 42.6660



Tritanopia

73.9045, 67.3726, 72.0598

Trichromacy



Original Color

69.4165, 67.4607, 42.6203

Protanomaly

65.1650, 67.4100, 44.2272

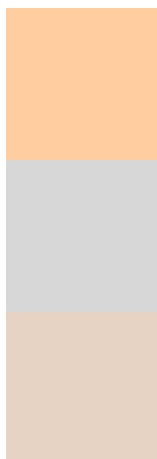
Deuteranomaly

69.2895, 67.7515, 42.6831

Tritanomaly

72.0981, 67.3961, 60.2477

Monochromacy



Original Color

69.4165, 67.4607, 42.6203

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 69.4165, 67.4607, 42.6203 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 160) }
```

Border

The CSS property to change the border of an element to XYZ 69.4165, 67.4607, 42.6203 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, 160) }
```


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

```
.border{ border-color:rgb(255, 205, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4165, 67.4607, 42.6203 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, 160) }
```

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

```
.background{ background-color: rgb(255,  
205, 160) }
```

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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