

Converting Colors

XYZ(69.1491, 67.2036, 41.6752)

Have a look what the booklet for
XYZ(69.1491, 67.2036, 41.6752)
contains.

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Color

**XYZ(69.2429, 67.3913,
41.7061)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFCD9E |
| RGB | 255, 205, 158 |
| RGB Percent | 100%, 80%, 62% |
| CMY | 0.0000, 0.1961, 0.3804 |
| CMYK | 0.00, 0.20, 0.38, 0.00 |
| HSL | 29°, 100%, 81% |
| HSV | 29°, 38%, 100% |
| XYZ | 69.2429, 67.3913, 41.7061 |
| YIQ | 214.5920, 44.8870, -4.0170 |

Conversions

Conversions Part 2

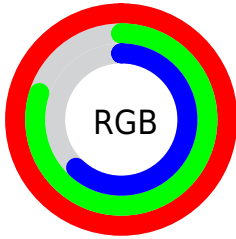
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 249, 158 |
| Decimal | 16764318 |
| CIE Lab | 85.70, 11.53, 30.10 |
| CIE LCh | 86, 32.233, 69.035 |
| Yxy | 67.3913, 0.3883, 0.3779 |
| Android (android.graphics.Color) | 4294954398 (0xFFFFCD9E) |
| YUV | 214.5920, -27.8999, 35.4378 |
| Hunter-Lab | 82.0922, 6.8993, 27.3429 |

Details

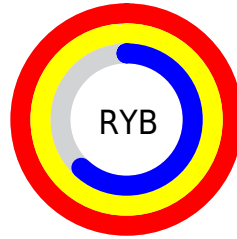
The XYZ color **69.2429, 67.3913, 41.7061** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.7057, 59.5988, 103.2281**, and the grayscale version is **64.4783, 67.8362, 73.8736**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **36.6941, 35.0441, 18.4659** is the 20% darker color. If you saturate the color by 10%, you get **64.2590, 60.5792, 30.3164**, and if you desaturate by 10%, it is **74.9498, 74.9202, 55.5849**.

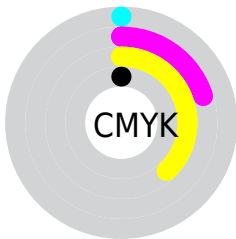
Distribution



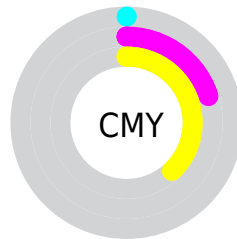
- Red (100%)
- Green (80%)
- Blue (62%)



- Red (100%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2429, 67.3913, 41.7061 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 69.2429, 67.3913, 41.7061 by changing the saturation by 10% instead.


 69.2429, 67.3913,
41.7061


 69.2429, 67.3913,
41.7061


447.1952,
451.3363, 369.0268

 51.1869, 49.4027,
28.5474


 117.1606,
115.4809, 79.0199

 36.5790, 34.9390,
18.4961


 147.7530,
146.3507, 104.0121

 25.0539, 23.6159,
11.1336


183.2550,
182.2831, 133.7858

 16.2462, 15.0489,
6.0415

224.0319,
223.6623, 168.7596

 9.7905, 8.8537,
2.8011

270.4489,
270.8729, 209.3521

 5.3214, 4.6459,
0.9940

322.8716,

 2.4738, 2.0410,

324.2991, 255.9818

0.0000

381.6653,
384.3255, 309.0672

■ 0.8820, 0.6312,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.2429, 67.3913,
41.7061

■ 69.2429, 67.3913,
41.7061

■ 64.2590, 60.5792,
30.3164

■ 74.9498, 74.9202,
55.5849

■ 59.9581, 54.4500,
21.2602

■ 81.4066, 83.1791,
72.0874

■ 56.3037, 48.9809,
14.3704

■ 88.6453, 92.1929,
91.3434

■ 53.2528, 44.1435,
9.4554

95.0500, 100.0000,
108.9000

■ 50.7558, 39.9063,
6.2897

■ 48.7474, 36.2309,
4.5676

■ 48.3940, 35.5681,
4.3147

Harmonies

Analogous

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



75.6672, 67.3913, 50.7291



69.2429, 67.3913, 41.7061



61.8600, 67.3913, 40.2304

Triad

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



69.2429, 67.3913, 41.7061



51.0882, 67.3913, 79.9178



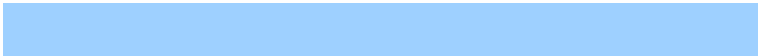
73.3705, 67.3913, 109.5110

Complementary

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



69.2429, 67.3913, 41.7061



54.7057, 59.5988, 103.2281

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.



66.2981, 67.3913, 121.0349



69.2429, 67.3913, 41.7061



53.6933, 67.3913, 101.9272

Square

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



69.2429, 67.3913, 41.7061



51.7446, 67.3913, 59.8309



59.1299, 67.3913, 118.0217



78.1741, 67.3913, 88.8289

Rectangle

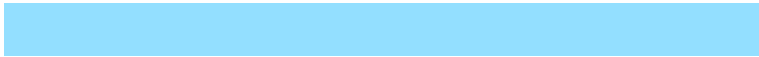
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.2429, 67.3913, 41.7061



57.4375, 67.3913, 43.3796



59.1299, 67.3913, 118.0217



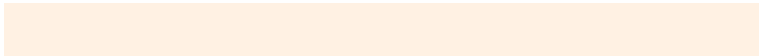
71.1588, 67.3913, 114.7482

Sweetspot

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



69.2446, 67.3945, 41.7075



86.4184, 89.4436, 85.3465



64.8668, 50.2742, 66.0354



18.2839, 18.8800, 17.6978



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.



69.2446, 67.3945, 41.7075



65.2186, 61.9120, 32.4438



82.6581, 94.2215, 46.1786



18.7359, 19.4400, 18.9091



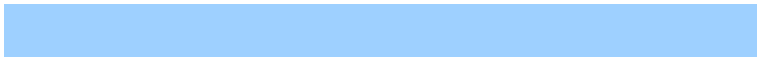
25.4350, 18.8812, 2.3039



2.5853, 2.0560, 0.2606

Inverse Universe

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



54.7057, 59.5988, 103.2281



48.7117, 53.0578, 102.2815



44.6557, 39.4988, 99.8781



17.7773, 18.9263, 22.9661



13.8529, 12.6153, 51.1395



1.4582, 1.4471, 5.0157

Previews

White Background



This preview shows how the XYZ color 69.2429, 67.3913, 41.7061 looks on a white background.

Color Contrast Check

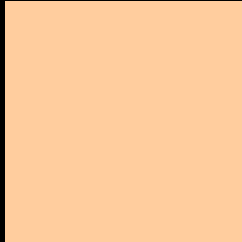
Large Text (above 18pt) WCAG AA × Fail

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 69.2429, 67.3913, 41.7061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

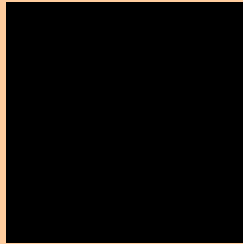
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2429, 67.3913, 41.7061

Background



This preview shows how black text looks on a background with the XYZ color 69.2429, 67.3913, 41.7061.



This preview shows how white text looks on a background with the XYZ color 69.2429, 67.3913,

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

69.2429, 67.3913, 41.7061

Protanopia

63.2013, 67.5248, 43.8849

Deuteranopia

69.1159, 67.6821, 41.7689



Tritanopia

73.9045, 67.3726, 72.0598

Trichromacy



Original Color

69.2429, 67.3913, 41.7061

Protanomaly

65.3239, 67.5125, 43.3065

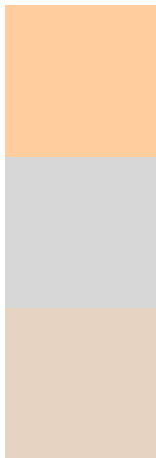
Deuteranomaly

69.1159, 67.6821, 41.7689

Tritanomaly

71.9862, 67.3513, 59.6581

Monochromacy



Original Color

69.2429, 67.3913, 41.7061

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.6650, 67.3066, 60.5695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2429, 67.3913, 41.7061 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 158) }
```

Border

The CSS property to change the border of an element to XYZ 69.2429, 67.3913, 41.7061 is called "border". The border property can be set on classes, ids or directly on the HTML element.

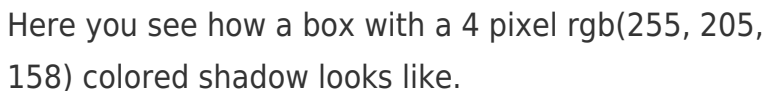
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 205, 158) }
```


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

```
.border{ border-color:rgb(255, 205, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2429, 67.3913, 41.7061 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, 158) }
```

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

```
.background{ background-color: rgb(255,  
205, 158) }
```

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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