

Converting Colors

XYZ(71.6958, 72.1699, 44.0924)

Have a look what the booklet for
XYZ(71.6958, 72.1699, 44.0924)
contains.

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Color

**XYZ(71.6065, 72.2449,
43.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	FED7A1
RGB	254, 215, 161
RGB Percent	100%, 84%, 63%
CMY	0.0039, 0.1568, 0.3686
CMYK	0.00, 0.15, 0.37, 0.00
HSL	35°, 98%, 81%
HSV	35°, 37%, 100%
XYZ	71.6065, 72.2449, 43.8888
YIQ	220.5050, 40.5780, -8.5260

Conversions

Conversions Part 2

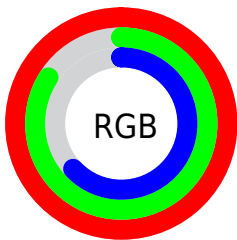
Format	Color
RYB	228, 254, 161
Decimal	16701345
CIELab	88.09, 6.31, 31.72
CIElCh	88, 32.343, 78.743
Yxy	72.2449, 0.3814, 0.3848
Android (android.graphics.Color)	4294891425 (0xFF FED7A1)
YUV	220.5050, -29.3360, 29.3751
Hunter-Lab	84.9970, 1.6342, 28.8831

Details

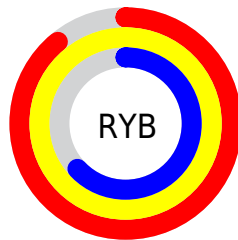
The XYZ color **71.6065, 72.2449, 43.8888** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.2410, 56.0395, 101.7765**, and the grayscale version is **68.5609, 72.1314, 78.5511**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **38.0961, 37.9815, 19.7913** is the 20% darker color. If you saturate the color by 10%, you get **66.9664, 66.1924, 32.3914**, and if you desaturate by 10%, it is **76.8818, 78.8392, 57.8441**.

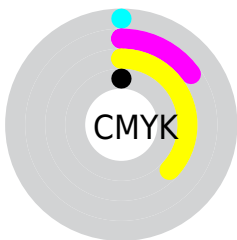
Distribution



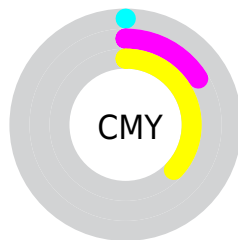
- Red (100%)
- Green (84%)
- Blue (63%)



- Red (89%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (0%)




- Cyan (0%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6065, 72.2449, 43.8888 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 71.6065, 72.2449, 43.8888 by changing the saturation by 10% instead.


 71.6065, 72.2449,
43.8888


 71.6065, 72.2449,
43.8888


455.3497,
468.3936, 378.2824

 53.1216, 53.3588,
30.2465


 120.5107,
122.4046, 82.3511

 38.1277, 38.0892,
19.7722


 151.6608,
154.4470, 108.0082

 26.2595, 26.0520,
12.0471


187.7633,
191.6436, 138.5073

 17.1516, 16.8625,
6.6528

229.1836,
234.3788, 174.2670

 10.4386, 10.1365,
3.1708

276.2870,
283.0370, 215.7058

 5.7552, 5.4896,
1.1825

329.4389,

 2.7360, 2.5373,

338.0026, 263.2423

0.0000

389.0047,
399.6600, 317.2950

■ 1.0158, 0.8952,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6065, 72.2449,
43.8888

■ 71.6065, 72.2449,
43.8888

■ 66.9664, 66.1924,
32.3914

■ 76.8818, 78.8392,
57.8441

■ 62.9250, 60.6540,
23.2005

■ 82.8156, 85.9819,
74.3878

■ 59.4500, 55.6137,
16.1543

■ 89.4362, 93.6921,
93.6462

■ 56.5029, 51.0507,
11.0683

94.6830, 99.8108,
108.8828

■ 54.0392, 46.9411,
7.7259

■ 52.0038, 43.2570,
5.8556

■ 51.3846, 42.0939,
5.4167

Harmonies

Analogous

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



78.9324, 72.2449, 50.8260



71.6065, 72.2449, 43.8888



64.0045, 72.2449, 44.8701

Triad

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



71.6065, 72.2449, 43.8888



55.5420, 72.2449, 93.1352



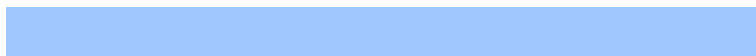
80.4465, 72.2449, 110.1736

Complementary

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



71.6065, 72.2449, 43.8888



53.2410, 56.0395, 101.7765

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.



73.5498, 72.2449, 126.2018



71.6065, 72.2449, 43.8888



59.3319, 72.2449, 115.1624

Square

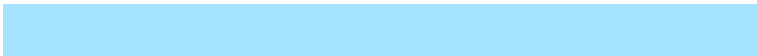
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6065, 72.2449, 43.8888



55.1074, 72.2449, 70.6488



65.8083, 72.2449, 128.1817



84.2853, 72.2449, 87.2602

Rectangle

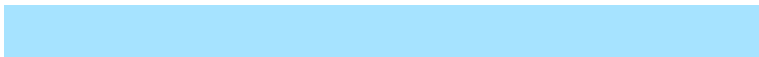
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6065, 72.2449, 43.8888



59.7858, 72.2449, 49.9349



65.8083, 72.2449, 128.1817



78.3860, 72.2449, 116.7156

Sweetspot

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



71.6083, 72.2483, 43.8903



87.2203, 91.0475, 85.6138



64.1963, 50.7925, 61.8647



18.4750, 19.2622, 17.7615



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.



71.6083, 72.2483, 43.8903



68.7277, 68.3270, 35.4733



80.5156, 93.3768, 47.4990



18.8857, 19.7395, 18.9591



27.2398, 22.4908, 2.9055



2.7603, 2.4060, 0.3189

Inverse Universe

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



53.2410, 56.0395, 101.7765



47.7230, 49.8015, 101.7051



46.6136, 40.8837, 99.2005



17.6289, 18.6293, 22.9166



12.3141, 9.5378, 50.6265



1.3041, 1.1389, 4.9644

Previews

White Background



This preview shows how the XYZ color 71.6065, 72.2449, 43.8888 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 71.6065, 72.2449, 43.8888 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 71.6065, 72.2449, 43.8888

Background



This preview shows how black text looks on a background with the XYZ color 71.6065, 72.2449, 43.8888.



This preview shows how white text looks on a background with the XYZ color 71.6065, 72.2449,

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

71.6065, 72.2449, 43.8888

Protanopia

67.4823, 72.3978, 45.5394

Deuteranopia

72.9265, 72.4091, 50.1771



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

71.6065, 72.2449, 43.8888

Protanomaly

68.9045, 72.3621, 44.9859

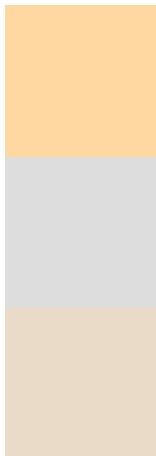
Deuteranomaly

72.4480, 72.2177, 47.6571

Tritanomaly

74.9596, 72.0187, 64.5938

Monochromacy



Original Color

71.6065, 72.2449, 43.8888

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.2446, 72.1102, 64.3019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6065, 72.2449, 43.8888 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(254, 215, 161)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 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(254, 215, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 161) }
```

Border

The CSS property to change the border of an element to XYZ 71.6065, 72.2449, 43.8888 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(254, 215, 161) }
```


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

```
.border{ border-color:rgb(254, 215, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 161);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6065, 72.2449, 43.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 161) }
```

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

```
.background{ background-color: rgb(254,  
215, 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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