

Converting Colors

XYZ(71.6737, 72.6664, 46.4097)

Have a look what the booklet for
XYZ(71.6737, 72.6664, 46.4097)
contains.

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Color

**XYZ(71.5837, 72.5604,
46.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD8A6
RGB	252, 216, 166
RGB Percent	99%, 85%, 65%
CMY	0.0118, 0.1529, 0.3490
CMYK	0.00, 0.14, 0.34, 0.01
HSL	35°, 93%, 82%
HSV	35°, 34%, 99%
XYZ	71.5837, 72.5604, 46.3091
YIQ	221.0640, 37.5060, -7.9180

Conversions

Conversions Part 2

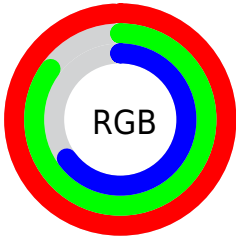
Format	Color
RYB	228, 252, 166
Decimal	16570534
CIELab	88.24, 5.61, 29.31
CIELCh	88, 29.847, 79.160
Yxy	72.5604, 0.3759, 0.3810
Android (android.graphics.Color)	4294760614 (0xFFFC8A6)
YUV	221.0640, -27.1466, 27.1309
Hunter-Lab	85.1824, 0.9347, 27.3949

Details

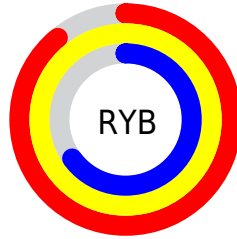
The XYZ color **71.5837, 72.5604, 46.3091** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.4165, 57.3745, 100.3018**, and the grayscale version is **68.9400, 72.5302, 78.9854**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **38.0303, 38.1740, 21.2835** is the 20% darker color. If you saturate the color by 10%, you get **66.8793, 66.4954, 34.4321**, and if you desaturate by 10%, it is **76.9183, 79.1603, 60.6323**.

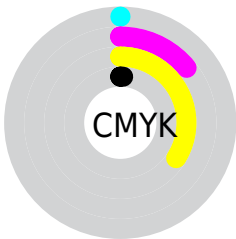
Distribution



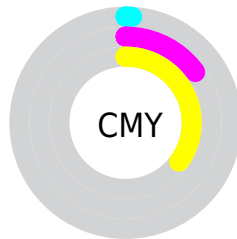
- Red (99%)
- Green (85%)
- Blue (65%)



- Red (89%)
- Yellow (99%)
- Blue (65%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (1%)





- Cyan (1%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5837, 72.5604, 46.3091 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 71.5837, 72.5604, 46.3091 by changing the saturation by 10% instead.


 71.5837, 72.5604,
46.3091


 71.5837, 72.5604,
46.3091


455.2715,
469.4898, 388.3636

 53.1029, 53.6166,
32.1394


 120.4785,
122.8529, 86.0206

 38.1127, 38.2952,
21.2023


 151.6232,
154.9705, 112.3994

 26.2478, 26.2119,
13.0793


187.7199,
192.2480, 143.6850

 17.1428, 16.9822,
7.3518

229.1341,
235.0699, 180.2959

 10.4323, 10.2218,
3.6013

276.2309,
283.8207, 222.6507

 5.7510, 5.5463,
1.4093

329.3759,

 2.7335, 2.5712,

338.8847, 271.1678

0.1489

388.9343,
400.6462, 326.2660

■ 1.0144, 0.9122,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5837, 72.5604,
46.3091

■ 71.5837, 72.5604,
46.3091

■ 66.8793, 66.4954,
34.4321

■ 76.9183, 79.1603,
60.6323

■ 62.7696, 60.9380,
24.8558

■ 82.9050, 86.3009,
77.5267

■ 59.2239, 55.8733,
17.4260

■ 89.5715, 94.0010,
97.1144

■ 56.2058, 51.2812,
11.9676

■ 93.9549, 99.4355,
108.8488

■ 53.6732, 47.1392,
8.2776

■ 51.5757, 43.4214,
6.1074

■ 50.5054, 41.4164,
5.3322

Harmonies

Analogous

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



78.3505, 72.5604, 52.8117



71.5837, 72.5604, 46.3091



64.5532, 72.5604, 47.3521

Triad

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



71.5837, 72.5604, 46.3091



56.7813, 72.5604, 92.6419



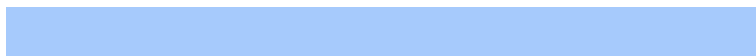
79.8958, 72.5604, 107.6434

Complementary

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



71.5837, 72.5604, 46.3091



54.4165, 57.3745, 100.3018

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.



73.5765, 72.5604, 122.3254



71.5837, 72.5604, 46.3091



60.3633, 72.5604, 112.6831

Square

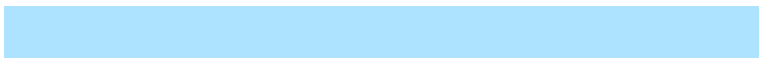
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5837, 72.5604, 46.3091



56.3292, 72.5604, 71.8321



66.4139, 72.5604, 124.3143



83.3652, 72.5604, 86.6422

Rectangle

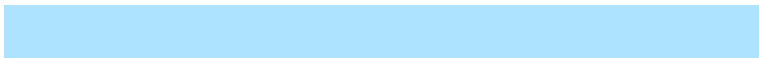
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5837, 72.5604, 46.3091



60.6462, 72.5604, 52.2466



66.4139, 72.5604, 124.3143



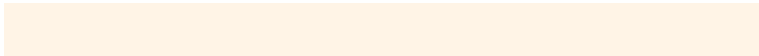
78.0149, 72.5604, 113.6256

Sweetspot

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



71.5855, 72.5638, 46.3106



87.9020, 91.8436, 87.5900



64.5929, 52.2932, 63.3566



18.6119, 19.4230, 18.1557



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.



71.5855, 72.5638, 46.3106



70.1357, 70.1853, 38.8951



79.7932, 92.0152, 49.6325



18.0831, 18.9020, 18.1578



26.4579, 21.8724, 2.8273



2.5552, 2.2353, 0.2968

Inverse Universe

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



54.4165, 57.3745, 100.3018



50.0488, 52.4232, 102.0886



48.1625, 43.0422, 97.8650



16.8800, 17.8368, 21.9385



11.9472, 9.2499, 49.1293



1.2086, 1.0609, 4.5843

Previews

White Background



This preview shows how the XYZ color 71.5837, 72.5604, 46.3091 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 71.5837, 72.5604, 46.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

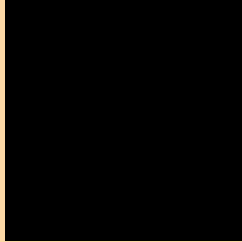
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5837, 72.5604, 46.3091

Background



This preview shows how black text looks on a background with the XYZ color 71.5837, 72.5604, 46.3091.



This preview shows how white text looks on a background with the XYZ color 71.5837, 72.5604,

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

71.5837, 72.5604, 46.3091

Protanopia

67.8494, 72.5446, 47.4722

Deuteranopia

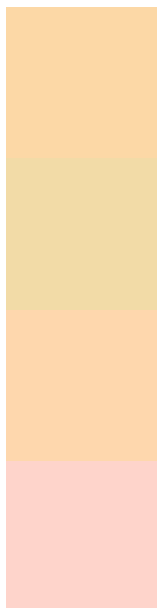
73.2224, 72.5275, 51.7349



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

71.5837, 72.5604, 46.3091

Protanomaly

68.9245, 72.3303, 46.8876

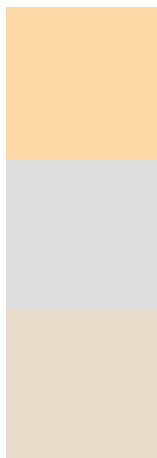
Deuteranomaly

72.7163, 72.6888, 49.7329

Tritanomaly

75.1960, 72.4696, 66.5247

Monochromacy



Original Color

71.5837, 72.5604, 46.3091

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.1528, 72.0359, 65.5179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5837, 72.5604, 46.3091 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(252, 216, 166)` looks like.

```
.text, #text, p{  
  color:rgb(252, 216, 166)  
}
```

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(252, 216, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 166) }
```

Border

The CSS property to change the border of an element to XYZ 71.5837, 72.5604, 46.3091 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(252, 216, 166) }
```


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

```
.border{ border-color:rgb(252, 216, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 216, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 216, 166); box-shadow:4px 4px 4px 4px rgb(252, 216, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5837, 72.5604, 46.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 166) }
```

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

```
.background{ background-color: rgb(252,  
216, 166) }
```

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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