

Converting Colors

XYZ(72.1428, 70.8074, 53.5809)

Have a look what the booklet for XYZ(72.1428, 70.8074, 53.5809) contains.

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Color

**XYZ(72.1428, 70.8074,
53.5809)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD3B5
RGB	253, 211, 181
RGB Percent	99%, 83%, 71%
CMY	0.0078, 0.1725, 0.2902
CMYK	0.00, 0.17, 0.28, 0.01
HSL	25°, 95%, 85%
HSV	25°, 28%, 99%
XYZ	72.1428, 70.8074, 53.5809
YIQ	220.1380, 34.6620, -0.4260

Conversions

Conversions Part 2

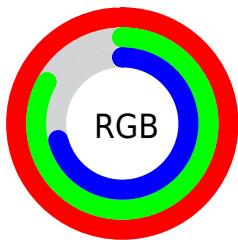
Format	Color
R _Y B	253, 232, 181
Decimal	16634805
CIE Lab	87.39, 10.44, 20.36
CIE LCh	87, 22.883, 62.850
Yxy	70.8074, 0.3671, 0.3603
Android (android.graphics.Color)	4294824885 (0xFFFD3B5)
YUV	220.1380, -19.2950, 28.8200
Hunter-Lab	84.1471, 5.7779, 21.1499

Details

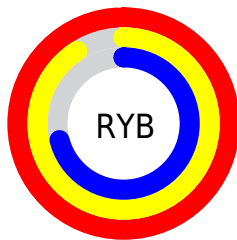
The XYZ color **72.1428, 70.8074, 53.5809** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.1727, 69.6889, 103.0506**, and the grayscale version is **68.2390, 71.7927, 78.1823**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **38.2904, 36.9375, 25.5336** is the 20% darker color. If you saturate the color by 10%, you get **66.2800, 62.8656, 39.9611**, and if you desaturate by 10%, it is **78.8173, 79.6175, 69.7985**.

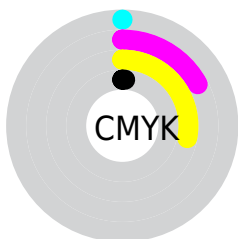
Distribution



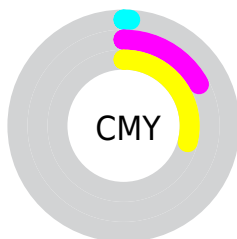
- Red (99%)
- Green (83%)
- Blue (71%)



- Red (99%)
- Yellow (91%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (1%)




- Cyan (1%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1428, 70.8074, 53.5809 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 72.1428, 70.8074, 53.5809 by changing the saturation by 10% instead.


 72.1428, 70.8074,
53.5809

 72.1428, 70.8074,
53.5809

457.1884,
463.3799, 417.6392

 53.5612, 52.1850,
37.8758


 121.2692,
120.3594, 96.9088

 38.4802, 37.1526,
25.5852

152.5448,
152.0579, 125.3687

 26.5345, 25.3257,
16.2906

188.7824,
188.8839, 158.9173

 17.3587, 16.3198,
9.5735

230.3474,
231.2217, 197.9730

 10.5875, 9.7508,
5.0152

277.6051,
279.4559, 242.9546

 5.8554, 5.2340,
2.1973

330.9210,

 2.7972, 2.3852,

333.9707, 294.2804

0.6728

390.6603,
395.1505, 352.3691

■ 1.0474, 0.8183,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1428, 70.8074,
53.5809

■ 72.1428, 70.8074,
53.5809

■ 66.2800, 62.8656,
39.9611

■ 78.8173, 79.6175,
69.7985

■ 61.1888, 55.7539,
28.7973

■ 86.3303, 89.3127,
88.7367

■ 56.8337, 49.4458,
19.9405

■ 94.3181, 99.6227,
108.8657

■ 53.1738, 43.9090,
13.2237

■ 50.1633, 39.1088,
8.4569

■ 47.7495, 35.0065,
5.4158

■ 45.8616, 31.5555,
3.7857

■ 45.6042, 31.0747,
3.5944

Harmonies

Analogous

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



76.3908, 70.8074, 62.0873



72.1428, 70.8074, 53.5809



66.7862, 70.8074, 51.0827

Triad

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



72.1428, 70.8074, 53.5809



57.4679, 70.8074, 78.5828



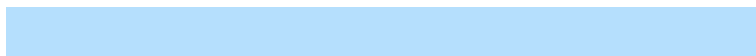
73.0819, 70.8074, 104.8268

Complementary

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



72.1428, 70.8074, 53.5809



63.1727, 69.6889, 103.0506

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.



67.8171, 70.8074, 110.7156



72.1428, 70.8074, 53.5809



58.9612, 70.8074, 94.3500

Square

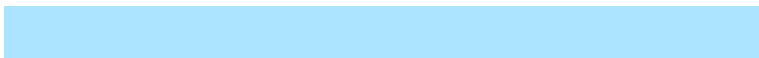
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1428, 70.8074, 53.5809



58.4906, 70.8074, 64.3268



62.6795, 70.8074, 106.6490



76.9530, 70.8074, 91.4550

Rectangle

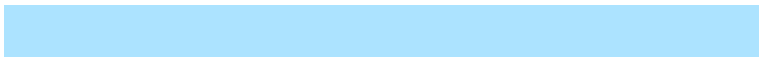
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1428, 70.8074, 53.5809



63.3543, 70.8074, 52.8455



62.6795, 70.8074, 106.6490



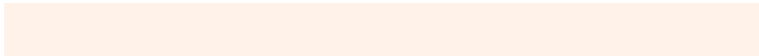
71.4068, 70.8074, 107.8222

Sweetspot

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



72.1447, 70.8107, 53.5824



87.4500, 90.3639, 89.2140



70.3518, 59.2589, 77.5429



18.4695, 19.0234, 18.4618



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.



72.1447, 70.8107, 53.5824



70.0314, 67.4894, 46.5282



82.1097, 90.7408, 56.9040



18.6313, 19.2308, 18.8743



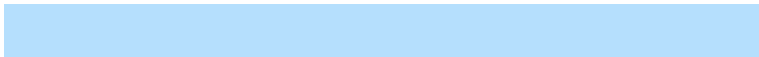
24.3956, 16.8025, 1.9574



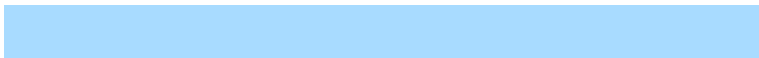
2.4802, 1.8458, 0.2256

Inverse Universe

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



63.1727, 69.6889, 103.0506



59.5597, 66.1724, 104.2412



54.5568, 52.4571, 100.1786



17.8833, 19.1382, 23.0014



15.1760, 15.2616, 51.5805



1.5856, 1.7019, 5.0582

Previews

White Background



This preview shows how the XYZ color 72.1428, 70.8074, 53.5809 looks on a white background.

Color Contrast Check

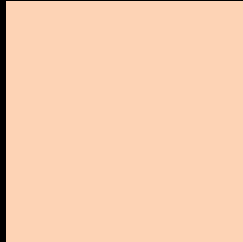
Large Text (above 18pt) WCAG AA × Fail

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 72.1428, 70.8074, 53.5809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

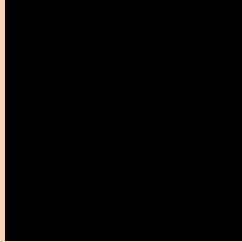
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1428, 70.8074, 53.5809

Background



This preview shows how black text looks on a background with the XYZ color 72.1428, 70.8074, 53.5809.



This preview shows how white text looks on a background with the XYZ color 72.1428, 70.8074,

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

72.1428, 70.8074, 53.5809

Protanopia

67.0435, 71.1547, 56.0996

Deuteranopia

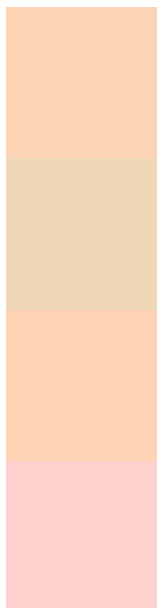
72.5078, 70.9956, 53.5980



Tritanopia

76.3625, 70.6231, 78.0135

Trichromacy



Original Color

72.1428, 70.8074, 53.5809

Protanomaly

68.8042, 70.9231, 55.4106

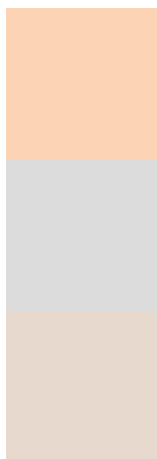
Deuteranomaly

72.5078, 70.9956, 53.5980

Tritanomaly

74.5695, 70.6388, 68.0969

Monochromacy



Original Color

72.1428, 70.8074, 53.5809

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.2321, 71.2377, 68.4939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1428, 70.8074, 53.5809 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(253, 211, 181)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 181)  
}
```

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(253, 211, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 181) }
```

Border

The CSS property to change the border of an element to XYZ 72.1428, 70.8074, 53.5809 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(253, 211, 181) }
```


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

```
.border{ border-color:rgb(253, 211, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 181);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1428, 70.8074, 53.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 181) }
```

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

```
.background{ background-color: rgb(253,  
211, 181) }
```

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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