

Converting Colors

XYZ(71.4298, 73.7976, 51.0376)

Have a look what the booklet for
XYZ(71.4298, 73.7976, 51.0376)
contains.

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Color

**XYZ(71.6888, 74.0557,
51.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	F7DCAF
RGB	247, 220, 175
RGB Percent	97%, 86%, 69%
CMY	0.0314, 0.1372, 0.3137
CMYK	0.00, 0.11, 0.29, 0.03
HSL	38°, 82%, 83%
HSV	38°, 29%, 97%
XYZ	71.6888, 74.0557, 51.0732
YIQ	222.9430, 30.5370, -8.2710

Conversions

Conversions Part 2

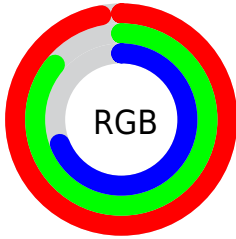
Format	Color
R _Y B	218, 247, 175
Decimal	16243887
CIE Lab	88.95, 2.77, 25.55
CIE LCh	89, 25.700, 83.812
Yxy	74.0557, 0.3642, 0.3763
Android (android.graphics.Color)	4294433967 (0xFFFF7DCAF)
YUV	222.9430, -23.6359, 21.0980
Hunter-Lab	86.0556, -1.8976, 25.0509

Details

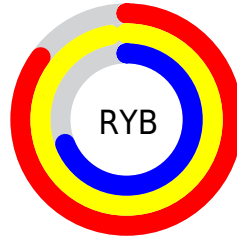
The XYZ color **71.6888, 74.0557, 51.0732** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5877, 58.0687, 96.2744**, and the grayscale version is **70.2478, 73.9061, 80.4838**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **38.2032, 39.2626, 23.9773** is the 20% darker color. If you saturate the color by 10%, you get **67.1183, 68.4482, 38.6561**, and if you desaturate by 10%, it is **76.8415, 80.1168, 65.8752**.

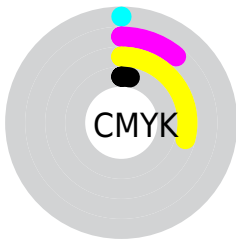
Distribution



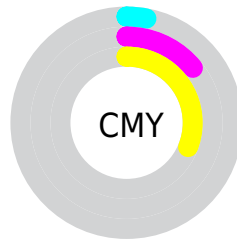
- Red (97%)
- Green (86%)
- Blue (69%)



- Red (85%)
- Yellow (97%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (3%)



- Cyan (3%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6888, 74.0557, 51.0732 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 71.6888, 74.0557, 51.0732 by changing the saturation by 10% instead.

71.6888, 74.0557,
51.0732

71.6888, 74.0557,
51.0732

455.6322,
474.6656, 407.7028

53.1891, 54.8396,
35.8897

120.6272,
124.9748, 93.1756

38.1818, 39.2733,
24.0600

151.7965,
157.4465, 120.9316

26.3017, 26.9724,
15.1655

187.9198,
195.1057, 153.7155

17.1833, 17.5525,
8.7877

229.3623,
238.3366, 191.9459

10.4614, 10.6292,
4.5081

276.4894,
287.5236, 236.0412

5.7705, 5.8181,
1.9080

329.6666,

2.7454, 2.7348,

343.0512, 286.4202

0.4978

389.2590,
405.3037, 343.5012

■ 1.0206, 0.9949,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6888, 74.0557,
51.0732

■ 71.6888, 74.0557,
51.0732

■ 67.1183, 68.4482,
38.6561

■ 76.8415, 80.1168,
65.8752

■ 63.0980, 63.2701,
28.4910

■ 82.5953, 86.6345,
83.1760

■ 59.6009, 58.5097,
20.4389

■ 88.9749, 93.6247,
103.0878

■ 56.5954, 54.1508,
14.3436

■ 92.1678, 98.5142,
108.7651

■ 54.0452, 50.1752,
10.0266

■ 51.9082, 46.5620,
7.2764

■ 50.1210, 43.2820,
5.7730

■ 49.9785, 43.0156,
5.6687

Harmonies

Analogous

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



77.7112, 74.0557, 55.9622



71.6888, 74.0557, 51.0732



65.6546, 74.0557, 53.1090

Triad

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



71.6888, 74.0557, 51.0732



59.9730, 74.0557, 95.3158



80.5206, 74.0557, 102.6685

Complementary

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



71.6888, 74.0557, 51.0732



55.5877, 58.0687, 96.2744

Split Complementary

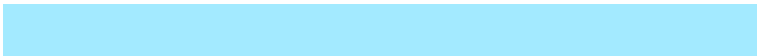
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3431, 74.0557, 116.3277



71.6888, 74.0557, 51.0732



63.5395, 74.0557, 111.6630

Square

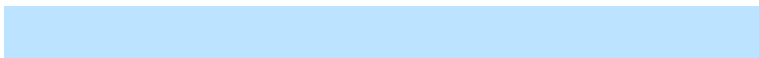
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6888, 74.0557, 51.0732



59.1221, 74.0557, 76.9870



69.1025, 74.0557, 119.8409



83.0006, 74.0557, 84.3945

Rectangle

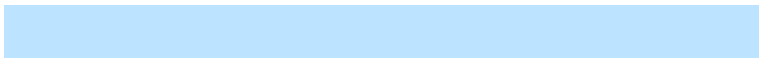
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.6888, 74.0557, 51.0732



62.4050, 74.0557, 58.2956



69.1025, 74.0557, 119.8409



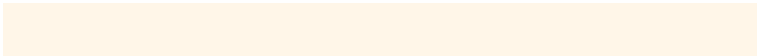
79.0237, 74.0557, 108.0545

Sweetspot

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



71.6907, 74.0591, 51.0747



88.8888, 93.2414, 89.6936



64.4202, 54.7277, 63.4193



18.8238, 19.7320, 18.5799



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.



71.6907, 74.0591, 51.0747



74.0988, 76.0015, 46.7206



76.4607, 87.8981, 53.4945



17.3622, 18.2085, 17.3971



26.5729, 23.0314, 3.0450



2.4340, 2.2213, 0.3005

Inverse Universe

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



55.5877, 58.0687, 96.2744



54.1958, 56.2445, 102.6076



51.7430, 47.4927, 94.4357



16.0902, 16.9447, 20.9652



11.0561, 7.9059, 47.4813



1.0671, 0.8856, 4.2049

Previews

White Background



This preview shows how the XYZ color 71.6888, 74.0557, 51.0732 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 71.6888, 74.0557, 51.0732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

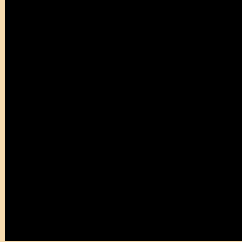
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6888, 74.0557, 51.0732

Background



This preview shows how black text looks on a background with the XYZ color 71.6888, 74.0557, 51.0732.



This preview shows how white text looks on a background with the XYZ color 71.6888, 74.0557,

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

71.6888, 74.0557, 51.0732

Protanopia

69.4840, 74.0871, 51.7123

Deuteranopia

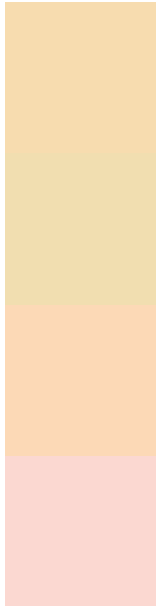
74.6588, 73.9169, 56.7868



Tritanopia

78.4451, 74.1283, 84.3024

Trichromacy



Original Color

71.6888, 74.0557, 51.0732

Protanomaly

70.2334, 74.0779, 51.6711

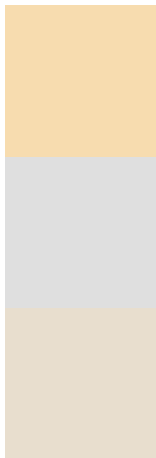
Deuteranomaly

73.4012, 73.6986, 54.6126

Tritanomaly

75.8482, 74.2244, 70.6507

Monochromacy



Original Color

71.6888, 74.0557, 51.0732

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.5406, 73.8546, 68.9300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6888, 74.0557, 51.0732 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(247, 220, 175)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 175)  
}
```

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(247, 220, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 175) }
```

Border

The CSS property to change the border of an element to XYZ 71.6888, 74.0557, 51.0732 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(247, 220, 175) }
```


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

```
.border{ border-color:rgb(247, 220, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 220, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 220, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 220, 175); box-shadow:4px 4px 4px 4px rgb(247, 220, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6888, 74.0557, 51.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 175) }
```

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

```
.background{ background-color: rgb(247,  
220, 175) }
```

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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