

Converting Colors

XYZ(71.0024, 73.9715, 48.9147)

Have a look what the booklet for
XYZ(71.0024, 73.9715, 48.9147)
contains.

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Color

**XYZ(71.2132, 74.2460,
49.1057)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DDAB
RGB	246, 221, 171
RGB Percent	96%, 87%, 67%
CMY	0.0353, 0.1333, 0.3294
CMYK	0.00, 0.10, 0.30, 0.04
HSL	40°, 81%, 82%
HSV	40°, 30%, 96%
XYZ	71.2132, 74.2460, 49.1057
YIQ	222.7750, 30.9500, -10.2500

Conversions

Conversions Part 2

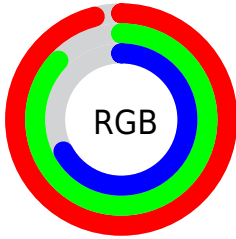
Format	Color
RYB	209, 246, 171
Decimal	16178603
CIELab	89.04, 1.37, 27.73
CIElCh	89, 27.760, 87.162
Yxy	74.2460, 0.3660, 0.3816
Android (android.graphics.Color)	4294368683 (0xFFF6DDAB)
YUV	222.7750, -25.5251, 20.3683
Hunter-Lab	86.1661, -3.2669, 26.5272

Details

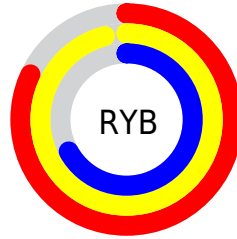
The XYZ color **71.2132, 74.2460, 49.1057** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.1687, 54.7901, 94.9623**, and the grayscale version is **70.1412, 73.7940, 80.3617**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **37.8925, 39.3993, 22.7472** is the 20% darker color. If you saturate the color by 10%, you get **66.9717, 69.1726, 37.1803**, and if you desaturate by 10%, it is **76.0006, 79.7121, 63.3677**.

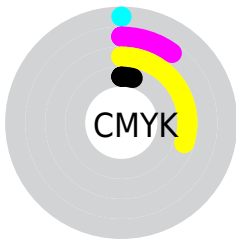
Distribution



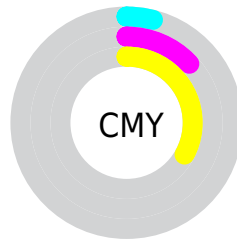
- Red (96%)
- Green (87%)
- Blue (67%)



- Red (82%)
- Yellow (96%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2132, 74.2460, 49.1057 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 71.2132, 74.2460, 49.1057 by changing the saturation by 10% instead.


 71.2132, 74.2460,
49.1057

 71.2132, 74.2460,
49.1057


453.9986,
475.3220, 399.7927

 52.7994, 54.9954,
34.3371


 119.9541,
125.2445, 90.2310

 37.8695, 39.3980,
22.8733


151.0119,
157.7611, 117.4249

 26.0581, 27.0695,
14.2955

187.0150,
195.4686, 149.5976

 17.0001, 17.6254,
8.1854

228.3289,
238.7513, 187.1677

 10.3298, 10.6814,
4.1243

275.3188,
287.9936, 230.5537

 5.6821, 5.8530,
1.6938

328.3502,

 2.6916, 2.7559,

343.5798, 280.1742

0.3565

387.7883,
405.8945, 336.4477

■ 0.9928, 1.0057,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2132, 74.2460,
49.1057

■ 71.2132, 74.2460,
49.1057

■ 66.9717, 69.1726,
37.1803

■ 76.0006, 79.7121,
63.3677

■ 63.2448, 64.4692,
27.4585

■ 81.3521, 85.5728,
80.0801

■ 60.0061, 60.1254,
19.8014

■ 87.2919, 91.8424,
99.3545

■ 57.2243, 56.1262,
14.0517

■ 91.4343, 97.5692,
108.6214

■ 54.8639, 52.4548,
10.0297

■ 91.8161, 98.3329,
108.7487

■ 52.8825, 49.0916,
7.5203

■ 51.2847, 46.1501,
6.2049

Harmonies

Analogous

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



77.8441, 74.2460, 53.4562



71.2132, 74.2460, 49.1057



64.8071, 74.2460, 52.0713

Triad

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



71.2132, 74.2460, 49.1057



59.6381, 74.2460, 99.0276



82.0466, 74.2460, 102.7223

Complementary

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



71.2132, 74.2460, 49.1057



53.1687, 54.7901, 94.9623

Split Complementary

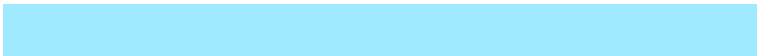
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6618, 74.2460, 118.6331



71.2132, 74.2460, 49.1057



63.7611, 74.2460, 116.2721

Square

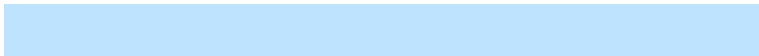
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2132, 74.2460, 49.1057



58.3816, 74.2460, 79.0147



69.9279, 74.2460, 123.9459



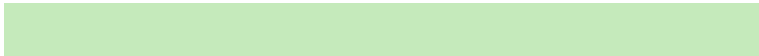
84.3435, 74.2460, 82.6958

Rectangle

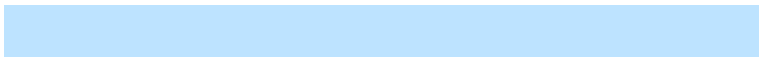
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2132, 74.2460, 49.1057



61.4717, 74.2460, 58.1075



69.9279, 74.2460, 123.9459



80.5214, 74.2460, 108.8438

Sweetspot

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



71.2151, 74.2494, 49.1072



89.1810, 93.8258, 89.7910



62.5334, 52.7051, 59.1027



18.8959, 19.8763, 18.6039



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.



71.2151, 74.2494, 49.1072



74.1788, 76.8942, 44.4890



74.0747, 86.2601, 51.2748



17.4223, 18.3287, 17.4171



27.5080, 24.9016, 3.3567



2.5119, 2.3770, 0.3264

Inverse Universe

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



53.1687, 54.7901, 94.9623



51.5476, 52.5010, 102.0246



50.8459, 45.9094, 93.3705



16.0324, 16.8290, 20.9459



10.6035, 7.0008, 47.3305



1.0226, 0.7966, 4.1901

Previews

White Background



This preview shows how the XYZ color 71.2132, 74.2460, 49.1057 looks on a white background.

Color Contrast Check

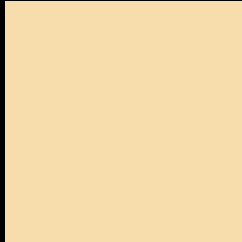
Large Text (above 18pt) WCAG AA × Fail

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 71.2132, 74.2460, 49.1057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

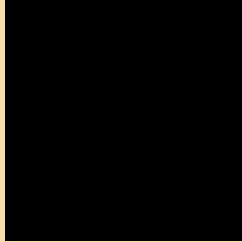
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2132, 74.2460, 49.1057

Background



This preview shows how black text looks on a background with the XYZ color 71.2132, 74.2460, 49.1057.



This preview shows how white text looks on a background with the XYZ color 71.2132, 74.2460,

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

71.2132, 74.2460, 49.1057

Protanopia

69.4307, 74.1046, 49.6740

Deuteranopia

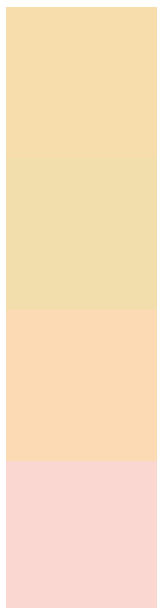
74.8098, 74.3885, 56.3145



Tritanopia

78.5852, 74.1843, 85.0400

Trichromacy



Original Color

71.2132, 74.2460, 49.1057

Protanomaly

70.1856, 74.0984, 49.6330

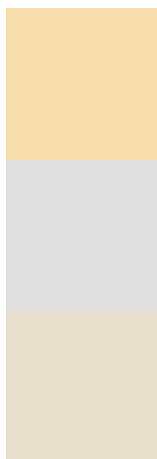
Deuteranomaly

73.4545, 74.1335, 53.6178

Tritanomaly

75.4888, 74.0392, 70.6339

Monochromacy



Original Color

71.2132, 74.2460, 49.1057

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

69.9754, 73.5911, 67.6431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2132, 74.2460, 49.1057 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(246, 221, 171)` looks like.

```
.text, #text, p{  
    color:rgb(246, 221, 171)  
}
```

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(246, 221, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 221, 171) }
```

Border

The CSS property to change the border of an element to XYZ 71.2132, 74.2460, 49.1057 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(246, 221, 171) }
```


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

```
.border{ border-color:rgb(246, 221, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 221, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 221, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 221, 171); box-shadow:4px 4px 4px 4px rgb(246, 221, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2132, 74.2460, 49.1057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 221, 171) }
```

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

```
.background{ background-color: rgb(246,  
221, 171) }
```

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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