

Converting Colors

XYZ(71.7202, 73.9998, 37.4335)

Have a look what the booklet for XYZ(71.7202, 73.9998, 37.4335) contains.

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Color

**XYZ(71.6824, 73.9674,
37.2871)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB91
RGB	255, 219, 145
RGB Percent	100%, 86%, 57%
CMY	0.0000, 0.1412, 0.4314
CMYK	0.00, 0.14, 0.43, 0.00
HSL	40°, 100%, 78%
HSV	40°, 43%, 100%
XYZ	71.6824, 73.9674, 37.2871
YIQ	221.3280, 45.2100, -15.3820

Conversions

Conversions Part 2

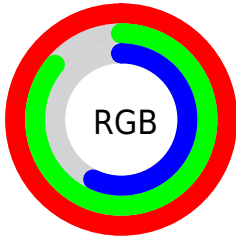
Format	Color
R _Y B	199, 255, 145
Decimal	16767889
CIE _{Lab}	88.91, 2.94, 40.95
CIE _{LCh}	89, 41.054, 85.898
Y _{xy}	73.9674, 0.3918, 0.4043
Android (android.graphics.Color)	4294957969 (0xFFFFDB91)
YUV	221.3280, -37.6297, 29.5303
Hunter-Lab	86.0043, -1.7323, 34.4979

Details

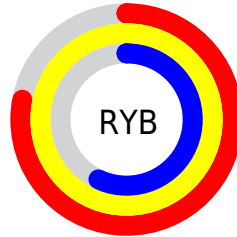
The XYZ color **71.6824, 73.9674, 37.2871** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.2504, 46.2859, 101.1041**, and the grayscale version is **69.1934, 72.7968, 79.2758**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **38.0162, 39.0770, 15.8949** is the 20% darker color. If you saturate the color by 10%, you get **67.8105, 69.0250, 27.3605**, and if you desaturate by 10%, it is **76.1084, 79.3115, 49.5771**.

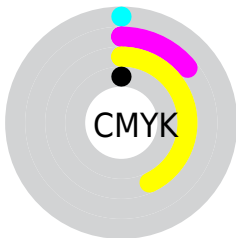
Distribution



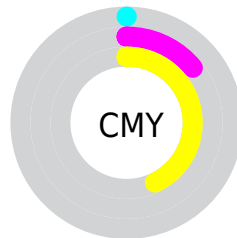
- Red (100%)
- Green (86%)
- Blue (57%)



- Red (78%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.6824, 73.9674, 37.2871 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 71.6824, 73.9674, 37.2871 by changing the saturation by 10% instead.


 71.6824, 73.9674,
37.2871


 71.6824, 73.9674,
37.2871


455.6102,
474.3608, 349.7579

 53.1838, 54.7674,
25.1323


 120.6181,
124.8496, 72.2054

 38.1776, 39.2155,
15.9558


 151.7860,
157.3005, 95.8060

 26.2984, 26.9274,
9.3388

187.9076,
194.9372, 124.0589

 17.1809, 17.5187,
4.8630

229.3484,
238.1441, 157.3828

 10.4596, 10.6050,
2.1098

276.4737,
287.3055, 196.1960

 5.7693, 5.8019,
0.6216

329.6489,

 2.7447, 2.7250,

342.8058, 240.9173

0.0000

389.2392,
405.0295, 291.9651

■ 1.0202, 0.9899,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.6824, 73.9674,
37.2871

■ 71.6824, 73.9674,
37.2871

■ 67.8105, 69.0250,
27.3605

■ 76.1084, 79.3115,
49.5771

■ 64.4558, 64.4588,
19.6348

■ 81.1117, 85.0609,
64.3692

■ 61.5848, 60.2557,
13.9342

■ 86.7205, 91.2320,
81.7968

■ 59.1572, 56.3966,
10.0534

■ 92.9596, 97.8371,
101.9824

■ 57.1239, 52.8595, 95.0500, 100.0000,
7.7433 108.9000

■ 55.9087, 50.5975,
6.8196

Harmonies

Analogous

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



81.5956, 73.9674, 43.1276



71.6824, 73.9674, 37.2871



62.2674, 73.9674, 40.5922

Triad

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



71.6824, 73.9674, 37.2871



54.4467, 73.9674, 106.9439



87.3817, 73.9674, 115.3639

Complementary

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



71.6824, 73.9674, 37.2871



46.2504, 46.2859, 101.1041

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.



79.0035, 73.9674, 140.6294



71.6824, 73.9674, 37.2871



60.1050, 73.9674, 135.0176

Square

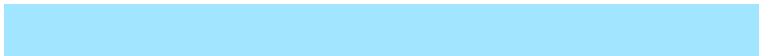
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.6824, 73.9674, 37.2871



52.8815, 73.9674, 76.6786



68.9430, 73.9674, 148.5564



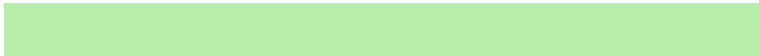
91.1853, 73.9674, 84.5246

Rectangle

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



71.6824, 73.9674, 37.2871



57.4300, 73.9674, 48.0836



68.9430, 73.9674, 148.5564



84.9706, 73.9674, 125.0495

Sweetspot

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



71.6842, 73.9709, 37.2886



86.8014, 91.3192, 82.0533



59.7749, 44.8752, 49.5876



18.3023, 19.2463, 16.6878



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.



71.6842, 73.9709, 37.2886



68.2240, 69.5677, 28.3747



75.6849, 91.5116, 40.4635



19.0309, 20.0300, 19.0075



29.3556, 26.7223, 3.6107



2.9580, 2.8014, 0.3848

Inverse Universe

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



46.2504, 46.2859, 101.1041



39.7307, 38.5827, 99.9609



43.3487, 35.2934, 99.1353



17.4884, 18.3484, 22.8698



11.1859, 7.2813, 50.2505



1.1839, 0.8985, 4.9243

Previews

White Background



This preview shows how the XYZ color 71.6824, 73.9674, 37.2871 looks on a white background.

Color Contrast Check

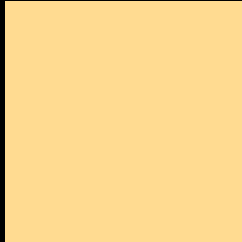
Large Text (above 18pt) WCAG AA × Fail

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 71.6824, 73.9674, 37.2871 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 71.6824, 73.9674, 37.2871

Background



This preview shows how black text looks on a background with the XYZ color 71.6824, 73.9674, 37.2871.



This preview shows how white text looks on a background with the XYZ color 71.6824, 73.9674,

37.2871.

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

71.6824, 73.9674, 37.2871

Protanopia

68.6163, 73.9366, 38.2585

Deuteranopia

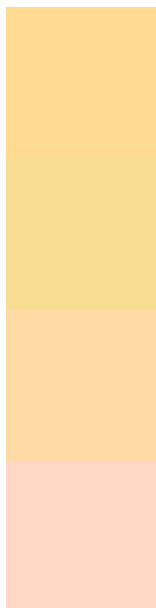
73.8893, 74.0203, 51.4673



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

71.6824, 73.9674, 37.2871

Protanomaly

69.6674, 74.0920, 37.8235

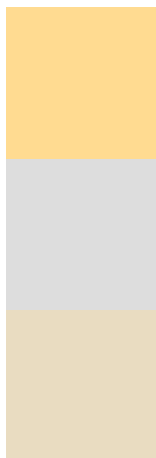
Deuteranomaly

73.1029, 74.1194, 46.0508

Tritanomaly

75.5042, 73.8464, 62.4988

Monochromacy



Original Color

71.6824, 73.9674, 37.2871

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8231, 72.3603, 60.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6824, 73.9674, 37.2871 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(255, 219, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 145)  
}
```

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(255, 219, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 145) }
```

Border

The CSS property to change the border of an element to XYZ 71.6824, 73.9674, 37.2871 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(255, 219, 145) }
```


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

```
.border{ border-color:rgb(255, 219, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6824, 73.9674, 37.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 145) }
```

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

```
.background{ background-color: rgb(255,  
219, 145) }
```

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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