

Converting Colors

XYZ(71.4359, 74.1641, 47.1384)

Have a look what the booklet for
XYZ(71.4359, 74.1641, 47.1384)
contains.

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Color

**XYZ(71.2797, 73.9329,
47.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DCA7
RGB	248, 220, 167
RGB Percent	97%, 86%, 65%
CMY	0.0274, 0.1372, 0.3451
CMYK	0.00, 0.11, 0.33, 0.03
HSL	39°, 85%, 81%
HSV	39°, 33%, 97%
XYZ	71.2797, 73.9329, 47.0728
YIQ	222.3300, 33.7010, -10.5470

Conversions

Conversions Part 2

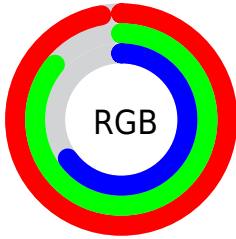
Format	Color
R _Y B	210, 248, 167
Decimal	16309415
CIE Lab	88.89, 2.15, 29.62
CIE LCh	89, 29.696, 85.842
Yxy	73.9329, 0.3707, 0.3845
Android (android.graphics.Color)	4294499495 (0xFFF8DCA7)
YUV	222.3300, -27.2777, 22.5126
Hunter-Lab	85.9842, -2.4985, 27.7302

Details

The XYZ color **71.2797, 73.9329, 47.0728** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.3943, 54.0214, 96.4729**, and the grayscale version is **69.8362, 73.4731, 80.0123**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **38.0355, 39.2244, 21.7860** is the 20% darker color. If you saturate the color by 10%, you get **67.0117, 68.7206, 35.4032**, and if you desaturate by 10%, it is **76.1065, 79.5586, 61.0993**.

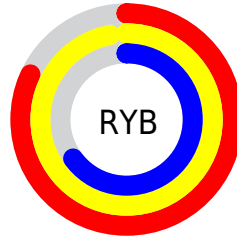
Distribution



Red (97%)

Green (86%)

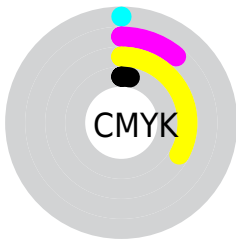
Blue (65%)



Red (82%)

Yellow (97%)

Blue (65%)

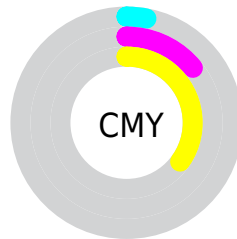


Cyan (0%)

Magenta (11%)

Yellow (33%)

Black (3%)



Cyan (3%)

Magenta (14%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2797, 73.9329, 47.0728 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 71.2797, 73.9329, 47.0728 by changing the saturation by 10% instead.


 71.2797, 73.9329,
47.0728


 71.2797, 73.9329,
47.0728


454.2272,
474.2418, 391.5072

 52.8538, 54.7391,
32.7385


 120.0483,
124.8007, 87.1734

 37.9131, 39.1929,
21.6567


 151.1217,
157.2435, 113.7767

 26.0922, 26.9098,
13.4090


187.1416,
194.8714, 145.3068

 17.0256, 17.5055,
7.5767

228.4735,
238.0688, 182.1822

 10.3482, 10.5956,
3.7415

275.4826,
287.2202, 224.8213

 5.6945, 5.7956,
1.4846

328.5344,

 2.6991, 2.7212,

342.7099, 273.6429

0.2064

387.9942,
404.9223, 329.0653

■ 0.9967, 0.9880,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2797, 73.9329,
47.0728

■ 71.2797, 73.9329,
47.0728

■ 67.0117, 68.7206,
35.4032

■ 76.1065, 79.5586,
61.0993

■ 63.2699, 63.8980,
25.9526

■ 81.5114, 85.6001,
77.6009

■ 60.0267, 59.4538,
18.5757

■ 87.5194, 92.0727,
96.6933

■ 57.2491, 55.3720,
13.1077

■ 92.2958, 98.2450,
108.7064

■ 54.8994, 51.6346,
9.3586

■ 92.5215, 98.6965,
108.7817

■ 52.9321, 48.2204,
7.0986

■ 51.6827, 45.8989,
6.1354

Harmonies

Analogous

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



78.3358, 73.9329, 51.9423



71.2797, 73.9329, 47.0728



64.4065, 73.9329, 49.8249

Triad

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



71.2797, 73.9329, 47.0728



58.5312, 73.9329, 99.0529



82.3631, 73.9329, 104.8819

Complementary

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



71.2797, 73.9329, 47.0728



52.3943, 54.0214, 96.4729

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.



76.4812, 73.9329, 121.7247



71.2797, 73.9329, 47.0728



62.7797, 73.9329, 117.9762

Square

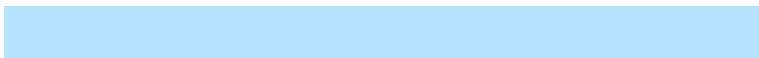
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2797, 73.9329, 47.0728



57.3457, 73.9329, 77.6593



69.2719, 73.9329, 126.8828



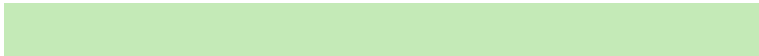
85.0057, 73.9329, 83.4098

Rectangle

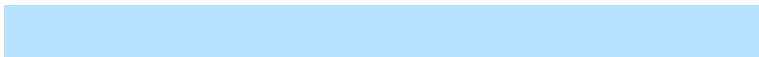
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2797, 73.9329, 47.0728



60.7978, 73.9329, 55.9144



69.2719, 73.9329, 126.8828



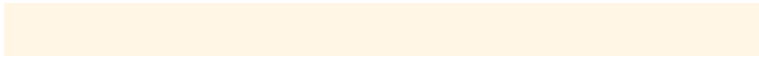
80.6804, 73.9329, 111.4066

Sweetspot

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



71.2816, 73.9363, 47.0743



88.4654, 92.9704, 87.7778



62.4207, 51.5507, 58.4986



18.7484, 19.6960, 18.2013



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.



71.2816, 73.9363, 47.0743



72.9613, 75.1622, 41.9154



75.0852, 87.7324, 49.5368



18.1929, 19.1216, 18.1944



28.0549, 25.0665, 3.3597



2.6972, 2.5193, 0.3441

Inverse Universe

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



52.3943, 54.0214, 96.4729



50.0698, 51.0359, 101.8197



49.3879, 44.0172, 94.7003



16.7735, 17.6239, 21.9030



11.0555, 7.4667, 48.8321



1.1187, 0.8810, 4.5543

Previews

White Background



This preview shows how the XYZ color 71.2797, 73.9329, 47.0728 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 71.2797, 73.9329, 47.0728 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 71.2797, 73.9329, 47.0728

Background



This preview shows how black text looks on a background with the XYZ color 71.2797, 73.9329, 47.0728.



This preview shows how white text looks on a background with the XYZ color 71.2797, 73.9329,

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

71.2797, 73.9329, 47.0728

Protanopia

69.0522, 73.9532, 47.6807

Deuteranopia

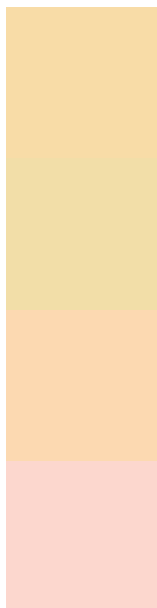
74.2394, 73.7491, 54.5781



Tritanopia

78.7871, 73.9484, 83.5197

Trichromacy



Original Color

71.2797, 73.9329, 47.0728

Protanomaly

69.8071, 73.9470, 47.6397

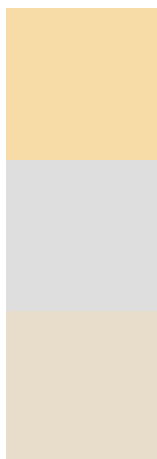
Deuteranomaly

72.8935, 73.4955, 51.9391

Tritanomaly

75.5859, 73.7526, 68.6444

Monochromacy



Original Color

71.2797, 73.9329, 47.0728

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.4721, 72.9661, 66.2994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2797, 73.9329, 47.0728 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(248, 220, 167) looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 167)  
}
```

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(248, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 167) }
```

Border

The CSS property to change the border of an element to XYZ 71.2797, 73.9329, 47.0728 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(248, 220, 167) }
```


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

```
.border{ border-color:rgb(248, 220, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 220, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 220, 167); box-shadow:4px 4px 4px 4px rgb(248, 220, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2797, 73.9329, 47.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 167) }
```

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

```
.background{ background-color: rgb(248,  
220, 167) }
```

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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