

Converting Colors

XYZ(72.5889, 73.1666, 47.1130)

Have a look what the booklet for
XYZ(72.5889, 73.1666, 47.1130)
contains.

XYZ(72.4968, 73.0097, 47.3171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.4968, 73.0097,
47.3171)**

Conversions

Conversions Part 1

Format	Color
Hex	FED8A8
RGB	254, 216, 168
RGB Percent	100%, 85%, 66%
CMY	0.0039, 0.1529, 0.3412
CMYK	0.00, 0.15, 0.34, 0.00
HSL	33°, 98%, 83%
HSV	33°, 34%, 100%
XYZ	72.4968, 73.0097, 47.3171
YIQ	221.8900, 38.0560, -6.8720

Conversions

Conversions Part 2

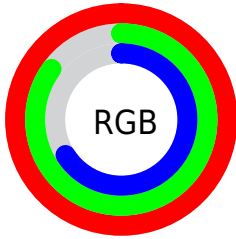
Format	Color
R _Y B	236, 254, 168
Decimal	16701608
CIE Lab	88.45, 6.61, 28.60
CIE LCh	88, 29.355, 76.980
Yxy	73.0097, 0.3760, 0.3786
Android (android.graphics.Color)	4294891688 (0xFF FED8A8)
YUV	221.8900, -26.5678, 28.1605
Hunter-Lab	85.4457, 1.9191, 26.9791

Details

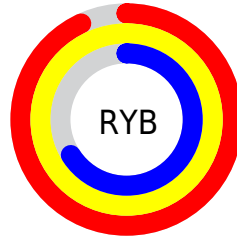
The XYZ color **72.4968, 73.0097, 47.3171** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.1086, 59.6214, 102.3169**, and the grayscale version is **69.5179, 73.1382, 79.6475**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **38.6622, 38.4865, 21.9139** is the 20% darker color. If you saturate the color by 10%, you get **67.5808, 66.6017, 35.1223**, and if you desaturate by 10%, it is **78.0751, 80.0021, 62.0145**.

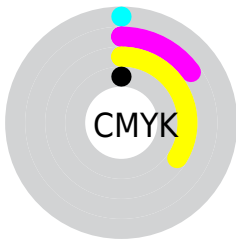
Distribution



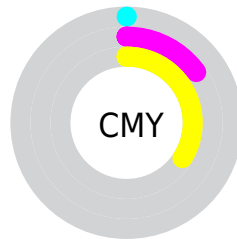
- Red (100%)
- Green (85%)
- Blue (66%)



- Red (93%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4968, 73.0097, 47.3171 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 72.4968, 73.0097, 47.3171 by changing the saturation by 10% instead.


 72.4968, 73.0097,
47.3171


 72.4968, 73.0097,
47.3171


458.3998,
471.0484, 392.5092

 53.8515, 53.9839,
32.9303

 121.7696,
123.4910, 87.5417

 38.7132, 38.5888,
21.8023


 153.1278,
155.7152, 114.2165

 26.7164, 26.4400,
13.5148


189.4543,
193.1078, 145.8245

 17.4958, 17.1531,
7.6491

231.1146,
236.0530, 182.7840

 10.6861, 10.3437,
3.7867

278.4739,
284.9353, 225.5137

 5.9219, 5.6274,
1.5091

331.8976,

 2.8379, 2.6199,

340.1390, 274.4321

0.2247

391.7511,
402.0486, 329.9578

■ 1.0686, 0.9367,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.4968, 73.0097,
47.3171

■ 72.4968, 73.0097,
47.3171

■ 67.5808, 66.6017,
35.1223

■ 78.0751, 80.0021,
62.0145

■ 63.2906, 60.7493,
25.2820

■ 84.3388, 87.5862,
79.3419

■ 59.5942, 55.4360,
17.6391

■ 91.3165, 95.7819,
99.4237

■ 56.4539, 50.6400,
12.0157

94.6831, 99.8109,
108.8828

■ 53.8265, 46.3373,
8.2050

■ 51.6600, 42.4997,
5.9552

■ 50.5139, 40.3525,
5.1264

Harmonies

Analogous

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



79.0724, 73.0097, 54.3264



72.4968, 73.0097, 47.3171



65.5046, 73.0097, 47.8107

Triad

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



72.4968, 73.0097, 47.3171



57.2042, 73.0097, 91.3966



79.7980, 73.0097, 109.0762

Complementary

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



72.4968, 73.0097, 47.3171



56.1086, 59.6214, 102.3169

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.



73.4334, 73.0097, 122.7721



72.4968, 73.0097, 47.3171



60.5386, 73.0097, 111.4380

Square

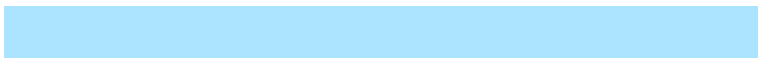
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4968, 73.0097, 47.3171



56.9911, 73.0097, 71.0546



66.3801, 73.0097, 123.7032



83.4761, 73.0097, 88.5790

Rectangle

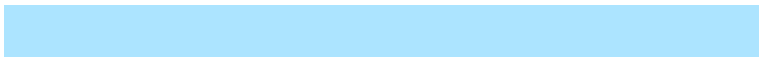
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4968, 73.0097, 47.3171



61.5446, 73.0097, 52.3089



66.3801, 73.0097, 123.7032



77.8830, 73.0097, 114.7690

Sweetspot

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



72.4987, 73.0131, 47.3186



87.7235, 91.4866, 87.5305



66.1021, 53.5672, 65.6956



18.5687, 19.3366, 18.1413



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.



72.4987, 73.0131, 47.3186



69.5352, 68.9843, 38.6949



81.8269, 93.9796, 50.8739



18.8504, 19.6690, 18.9473



26.7811, 21.5735, 2.7526



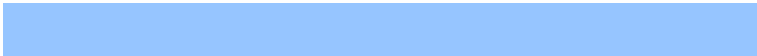
2.7165, 2.3184, 0.3043

Inverse Universe

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



56.1086, 59.6214, 102.3169



50.5952, 53.5160, 102.2707



48.9720, 43.9666, 99.6713



17.6635, 18.6985, 22.9282



12.6403, 10.1902, 50.7353



1.3375, 1.2057, 4.9755

Previews

White Background



This preview shows how the XYZ color 72.4968, 73.0097, 47.3171 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 72.4968, 73.0097, 47.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

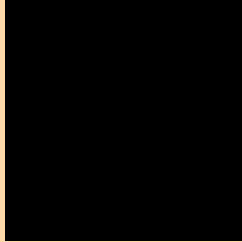
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4968, 73.0097, 47.3171

Background



This preview shows how black text looks on a background with the XYZ color 72.4968, 73.0097, 47.3171.



This preview shows how white text looks on a background with the XYZ color 72.4968, 73.0097,

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

72.4968, 73.0097, 47.3171

Protanopia

68.3970, 73.1874, 49.0497

Deuteranopia

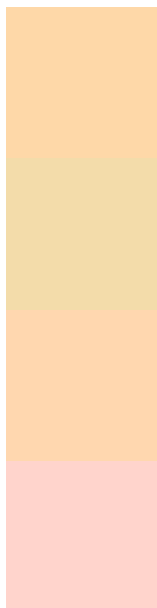
73.6771, 73.1156, 52.8773



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

72.4968, 73.0097, 47.3171

Protanomaly

69.8110, 73.1434, 48.4689

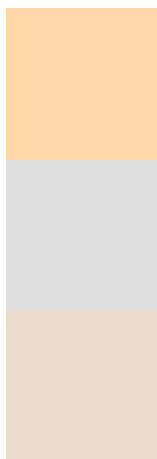
Deuteranomaly

73.2783, 72.9560, 50.7772

Tritanomaly

75.6826, 72.7066, 67.1716

Monochromacy



Original Color

72.4968, 73.0097, 47.3171

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.1856, 72.9431, 66.2574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4968, 73.0097, 47.3171 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(254, 216, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 168)  
}
```

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(254, 216, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 168) }
```

Border

The CSS property to change the border of an element to XYZ 72.4968, 73.0097, 47.3171 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(254, 216, 168) }
```


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

```
.border{ border-color:rgb(254, 216, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4968, 73.0097, 47.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 168) }
```

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

```
.background{ background-color: rgb(254,  
216, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor