

Converting Colors

XYZ(73.4620, 76.0333, 42.4840)

Have a look what the booklet for
XYZ(73.4620, 76.0333, 42.4840)
contains.

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Color

**XYZ(73.4471, 75.9369,
42.6845)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDE9D
RGB	255, 222, 157
RGB Percent	100%, 87%, 62%
CMY	0.0000, 0.1294, 0.3843
CMYK	0.00, 0.13, 0.38, 0.00
HSL	40°, 100%, 81%
HSV	40°, 38%, 100%
XYZ	73.4471, 75.9369, 42.6845
YIQ	224.4570, 40.5330, -13.2190

Conversions

Conversions Part 2

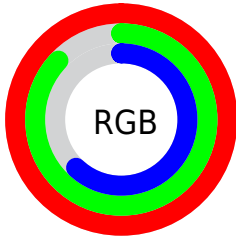
Format	Color
R _Y B	207, 255, 157
Decimal	16768669
CIE Lab	89.83, 2.66, 36.09
CIE LCh	90, 36.189, 85.780
Yxy	75.9369, 0.3824, 0.3954
Android (android.graphics.Color)	4294958749 (0xFFFFDE9D)
YUV	224.4570, -33.2563, 26.7862
Hunter-Lab	87.1418, -2.0501, 31.9573

Details

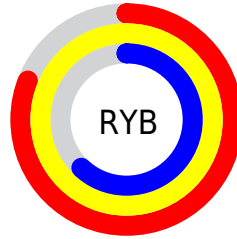
The XYZ color **73.4471, 75.9369, 42.6845** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.3675, 51.2133, 101.8382**, and the grayscale version is **71.3906, 75.1085, 81.7931**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **39.3945, 40.5277, 19.1109** is the 20% darker color. If you saturate the color by 10%, you get **69.2712, 70.7131, 31.6496**, and if you desaturate by 10%, it is **78.1973, 81.5818, 56.1540**.

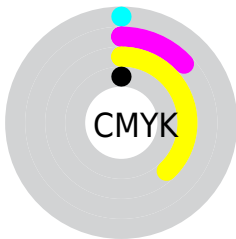
Distribution



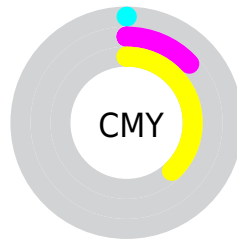
- Red (100%)
- Green (87%)
- Blue (62%)



- Red (81%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4471, 75.9369, 42.6845 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 73.4471, 75.9369, 42.6845 by changing the saturation by 10% instead.


 73.4471, 75.9369,
42.6845


 73.4471, 75.9369,
42.6845


461.6428,
481.1317, 373.1957

 54.6313, 56.3808,
29.3081


 123.1114,
127.6377, 80.5158

 39.3393, 40.5083,
19.0664


 154.6907,
160.5512, 105.8077

 27.2057, 27.9351,
11.5410


191.2551,
198.6859, 135.9086

 17.8651, 18.2767,
6.3132

233.1701,
242.4262, 171.2369

 10.9523, 11.1488,
2.9646

280.8010,
292.1565, 212.2113

 6.1018, 6.1670,
1.0766

334.5132,

 2.9483, 2.9469,

348.2613, 259.2501

0.0000

394.6720,
411.1249, 312.7721

■ 1.1265, 1.1041,
0.0000

■ 0.0471, 0.0000,
0.0000

■ 73.4471, 75.9369,
42.6845

■ 73.4471, 75.9369,
42.6845

■ 69.2712, 70.7131,
31.6496

■ 78.1973, 81.5818,
56.1540

■ 65.6338, 65.8849,
22.8941

■ 83.5438, 87.6509,
72.1910

■ 62.5032, 61.4398,
16.2519

■ 89.5142, 94.1606,
90.9244

■ 59.8415, 57.3596,
11.5322

95.0500, 100.0000,
108.9000

■ 57.6043, 53.6237,
8.5096

■ 55.7297, 50.2043,
6.8680

■ 55.4555, 49.6910,
6.6685

Harmonies

Analogous

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



82.2733, 75.9369, 48.3097



73.4471, 75.9369, 42.6845



64.9596, 75.9369, 45.8237

Triad

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



73.4471, 75.9369, 42.6845



57.7864, 75.9369, 105.9773



87.3319, 75.9369, 113.5489

Complementary

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



73.4471, 75.9369, 42.6845



50.3675, 51.2133, 101.8382

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.



79.9074, 75.9369, 135.3640



73.4471, 75.9369, 42.6845



62.9401, 75.9369, 130.3976

Square

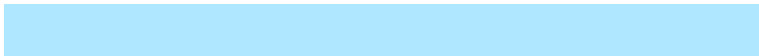
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4471, 75.9369, 42.6845



56.3642, 75.9369, 79.1151



70.9191, 75.9369, 142.0887



90.6980, 75.9369, 86.3554

Rectangle

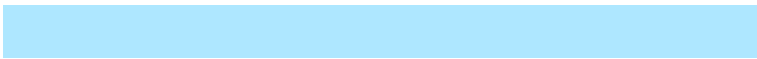
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4471, 75.9369, 42.6845



60.5517, 75.9369, 52.8996



70.9191, 75.9369, 142.0887



85.1997, 75.9369, 121.9565

Sweetspot

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



73.4490, 75.9404, 42.6861



87.3099, 91.7856, 83.9204



62.7345, 49.1495, 55.6446



18.5196, 19.4629, 17.4328



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.



73.4490, 75.9404, 42.6861



70.2358, 71.9463, 34.1162



77.8832, 92.5322, 45.6549



19.0159, 20.0000, 19.0025



29.1202, 26.2516, 3.5323



2.9363, 2.7580, 0.3776

Inverse Universe

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



50.3675, 51.2133, 101.8382



44.2418, 44.1179, 100.7916



47.0552, 40.0716, 99.8622



17.5027, 18.3771, 22.8746



11.2869, 7.4834, 50.2841



1.1951, 0.9208, 4.9280

Previews

White Background



This preview shows how the XYZ color 73.4471, 75.9369, 42.6845 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 73.4471, 75.9369, 42.6845 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 73.4471, 75.9369, 42.6845

Background



This preview shows how black text looks on a background with the XYZ color 73.4471, 75.9369, 42.6845.



This preview shows how white text looks on a background with the XYZ color 73.4471, 75.9369,

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

73.4471, 75.9369, 42.6845

Protanopia

70.7626, 76.1290, 43.7657

Deuteranopia

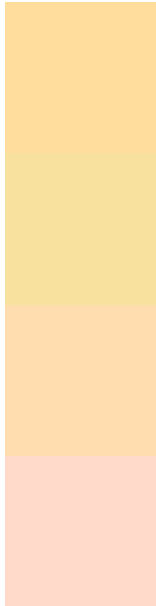
75.6961, 75.9916, 57.1326



Tritanopia

79.9387, 76.0289, 84.5906

Trichromacy



Original Color

73.4471, 75.9369, 42.6845

Protanomaly

71.8082, 76.2755, 43.2857

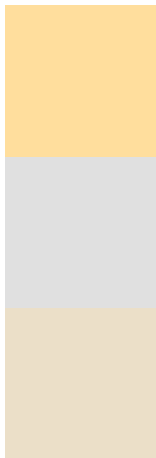
Deuteranomaly

74.8343, 76.0680, 51.2958

Tritanomaly

77.0909, 75.7146, 67.0512

Monochromacy



Original Color

73.4471, 75.9369, 42.6845

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0740, 74.6077, 65.2983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4471, 75.9369, 42.6845 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, 222, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 157)  
}
```

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, 222, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 157) }
```

Border

The CSS property to change the border of an element to XYZ 73.4471, 75.9369, 42.6845 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, 222, 157) }
```


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

```
.border{ border-color:rgb(255, 222, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4471, 75.9369, 42.6845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 157) }
```

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

```
.background{ background-color: rgb(255,  
222, 157) }
```

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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