

Converting Colors

XYZ(137.3244, 104.9914,
51.3316)

Have a look what the booklet for
XYZ(137.3244, 104.9914, 51.3316)
contains.

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Color

**XYZ(72.1342, 71.2872,
48.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4AB
RGB	255, 212, 171
RGB Percent	100%, 83%, 67%
CMY	0.0000, 0.1686, 0.3294
CMYK	0.00, 0.17, 0.33, 0.00
HSL	29°, 100%, 84%
HSV	29°, 33%, 100%
XYZ	72.1342, 71.2872, 48.4860
YIQ	220.1830, 38.7890, -3.6350

Conversions

Conversions Part 2

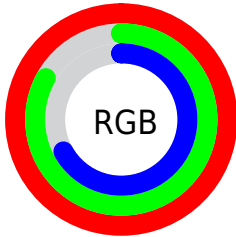
Format	Color
R _Y B	255, 251, 171
Decimal	16766123
CIE Lab	87.62, 9.42, 25.94
CIE LCh	88, 27.593, 70.039
Yxy	71.2872, 0.3759, 0.3715
Android (android.graphics.Color)	4294956203 (0xFFFFD4AB)
YUV	220.1830, -24.2472, 30.5345
Hunter-Lab	84.4317, 4.7458, 25.0542

Details

The XYZ color **72.1342, 71.2872, 48.4860** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.8904, 63.9690, 103.8511**, and the grayscale version is **68.3018, 71.8588, 78.2542**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **38.4127, 37.3162, 22.6309** is the 20% darker color. If you saturate the color by 10%, you get **66.8025, 64.1457, 35.8519**, and if you desaturate by 10%, it is **78.2020, 79.1503, 63.6804**.

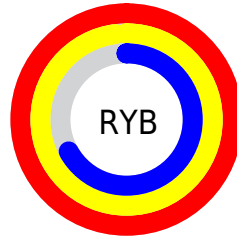
Distribution



Red (100%)

Green (83%)

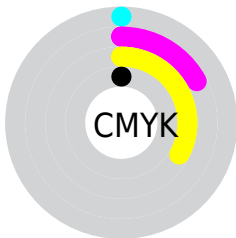
Blue (67%)



Red (100%)

Yellow (98%)

Blue (67%)

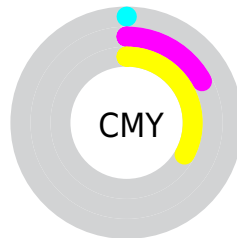


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1342, 71.2872, 48.4860 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 72.1342, 71.2872, 48.4860 by changing the saturation by 10% instead.


 72.1342, 71.2872,
48.4860

 72.1342, 71.2872,
48.4860


457.1590,
465.0568, 397.2794

 53.5542, 52.5766,
33.8492


 121.2571,
121.0426, 89.3006

 38.4746, 37.4649,
22.5013


152.5306,
152.8561, 116.3156

 26.5301, 25.5676,
14.0239


188.7661,
189.8062, 148.2936

 17.3554, 16.5005,
7.9984

230.3287,
232.2770, 185.6533

 10.5851, 9.8790,
4.0061

277.5840,
280.6531, 228.8132

 5.8538, 5.3188,
1.6287

330.8972,

 2.7962, 2.4355,

335.3189, 278.1918

0.3112

390.6338,
396.6586, 334.2077

■ 1.0469, 0.8441,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1342, 71.2872,
48.4860

■ 72.1342, 71.2872,
48.4860

■ 66.8025, 64.1457,
35.8519

■ 78.2020, 79.1503,
63.6804

■ 62.1686, 57.6928,
25.6291

■ 85.0317, 87.7473,
81.5638

■ 58.1979, 51.9070,
17.6598

■ 92.6539, 97.1021,
102.2615

■ 54.8501, 46.7615,
11.7655

95.0500, 100.0000,
108.9000

■ 52.0797, 42.2268,
7.7398

■ 49.8321, 38.2696,
5.3327

■ 48.5080, 35.7960,
4.3527

Harmonies

Analogous

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



77.8323, 71.2872, 56.7063



72.1342, 71.2872, 48.4860



65.5908, 71.2872, 47.3192

Triad

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



72.1342, 71.2872, 48.4860



56.1281, 71.2872, 84.0593



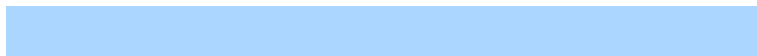
76.1601, 71.2872, 108.5376

Complementary

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



72.1342, 71.2872, 48.4860



58.8904, 63.9690, 103.8511

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.



69.9691, 71.2872, 118.6913



72.1342, 71.2872, 48.4860



58.5898, 71.2872, 103.1304

Square

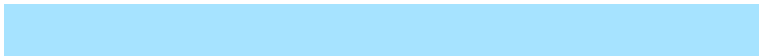
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1342, 71.2872, 48.4860



56.6253, 71.2872, 65.9784



63.5593, 71.2872, 116.5675



80.2581, 71.2872, 90.5554

Rectangle

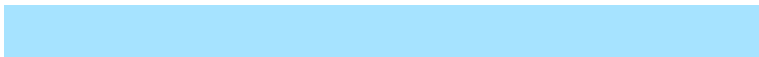
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1342, 71.2872, 48.4860



61.6625, 71.2872, 50.4635



63.5593, 71.2872, 116.5675



74.2390, 71.2872, 113.1008

Sweetspot

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



72.1359, 71.2905, 48.4875



87.1895, 90.4185, 87.3524



67.9921, 55.2621, 70.9702



18.4395, 19.0782, 18.0983



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.



72.1359, 71.2905, 48.4875



68.2967, 66.1737, 39.3102



83.9059, 94.8304, 52.4108



18.7414, 19.4510, 18.9110



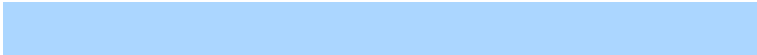
25.4948, 19.0009, 2.3238



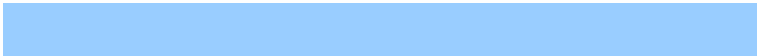
2.5913, 2.0679, 0.2626

Inverse Universe

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



58.8904, 63.9690, 103.8511



53.0679, 57.7544, 102.9585



49.6741, 45.5364, 100.7790



17.7718, 18.9152, 22.9643



13.7889, 12.4873, 51.1181



1.4520, 1.4346, 5.0137

Previews

White Background



This preview shows how the XYZ color 72.1342, 71.2872, 48.4860 looks on a white background.

Color Contrast Check

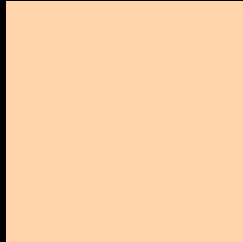
Large Text (above 18pt) WCAG AA × Fail

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 72.1342, 71.2872, 48.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

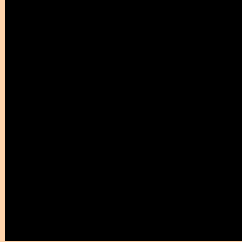
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1342, 71.2872, 48.4860

Background



This preview shows how black text looks on a background with the XYZ color 72.1342, 71.2872, 48.4860.



This preview shows how white text looks on a background with the XYZ color 72.1342, 71.2872,

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

72.1342, 71.2872, 48.4860

Protanopia

66.9032, 71.2115, 50.2634

Deuteranopia

72.5213, 71.4421, 50.5249



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

72.1342, 71.2872, 48.4860

Protanomaly

68.7166, 71.0061, 49.6190

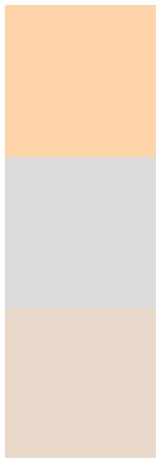
Deuteranomaly

72.4235, 71.4030, 50.0094

Tritanomaly

74.8200, 71.1727, 66.2942

Monochromacy



Original Color

72.1342, 71.2872, 48.4860

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0778, 71.2136, 65.9819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1342, 71.2872, 48.4860 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, 212, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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(255, 212, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 171) }
```

Border

The CSS property to change the border of an element to XYZ 72.1342, 71.2872, 48.4860 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, 212, 171) }
```


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

```
.border{ border-color:rgb(255, 212, 171) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1342, 71.2872, 48.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 171) }
```

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

```
.background{ background-color: rgb(255,  
212, 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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