

Converting Colors

XYZ(70.8999, 72.3309, 49.0373)

Have a look what the booklet for
XYZ(70.8999, 72.3309, 49.0373)
contains.

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Color

**XYZ(70.7137, 72.0467,
49.2091)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D8AC
RGB	248, 216, 172
RGB Percent	97%, 85%, 67%
CMY	0.0274, 0.1529, 0.3255
CMYK	0.00, 0.13, 0.31, 0.03
HSL	35°, 84%, 82%
HSV	35°, 31%, 97%
XYZ	70.7137, 72.0467, 49.2091
YIQ	220.5520, 33.1960, -6.9000

Conversions

Conversions Part 2

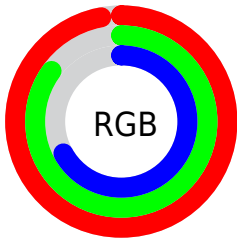
Format	Color
RYB	227, 248, 172
Decimal	16308396
CIELab	87.99, 4.83, 25.81
CIELCh	88, 26.260, 79.411
Yxy	72.0467, 0.3684, 0.3753
Android (android.graphics.Color)	4294498476 (0xFFFF8D8AC)
YUV	220.5520, -23.9361, 24.0719
Hunter-Lab	84.8803, 0.1676, 25.0430

Details

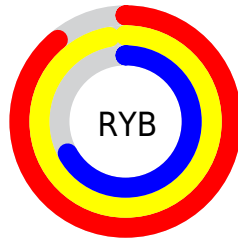
The XYZ color **70.7137, 72.0467, 49.2091** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5490, 58.7322, 97.2160**, and the grayscale version is **68.5608, 72.1313, 78.5510**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **37.5605, 37.8980, 22.7882** is the 20% darker color. If you saturate the color by 10%, you get **65.9607, 66.0032, 36.9502**, and if you desaturate by 10%, it is **76.0849, 78.6146, 63.8684**.

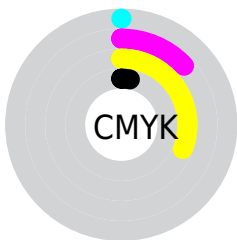
Distribution



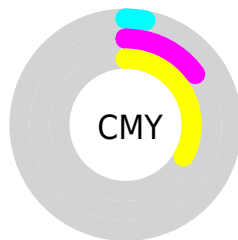
- Red (97%)
- Green (85%)
- Blue (67%)



- Red (89%)
- Yellow (97%)
- Blue (67%)



- Cyan (0%)
- Magenta (13%)
- Yellow (31%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.7137, 72.0467, 49.2091 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 70.7137, 72.0467, 49.2091 by changing the saturation by 10% instead.


 70.7137, 72.0467,
49.2091

 70.7137, 72.0467,
49.2091


452.2794,
467.7041, 400.2110

 52.3903, 53.1968,
34.4186


 119.2467,
122.1229, 90.3861

 37.5418, 37.9599,
22.9354


150.1870,
154.1181, 117.6098

 25.8028, 25.9516,
14.3410


186.0637,
191.2637, 149.8148

 16.8081, 16.7874,
8.2167

227.2420,
233.9444, 187.4199

 10.1922, 10.0830,
4.1442

274.0874,
282.5443, 230.8435

 5.5898, 5.4541,
1.7048

326.9652,

 2.6356, 2.5161,

337.4480, 280.5042

0.3640

386.2407,
399.0398, 336.8206

■ 0.9641, 0.8847,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7137, 72.0467,
49.2091

■ 70.7137, 72.0467,
49.2091

■ 65.9607, 66.0032,
36.9502

■ 76.0849, 78.6146,
63.8684

■ 61.7925, 60.4580,
26.9559

■ 82.0946, 85.7121,
81.0451

■ 58.1805, 55.3970,
19.0832

■ 88.7689, 93.3571,
100.8537

■ 55.0909, 50.8015,
13.1710

■ 92.5216, 98.6965,
108.7817

■ 52.4854, 46.6506,
9.0347

■ 50.3190, 42.9207,
6.4537

■ 48.6237, 39.7808,
5.1157

Harmonies

Analogous

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



76.6109, 72.0467, 55.0748



70.7137, 72.0467, 49.2091



64.5557, 72.0467, 50.2216

Triad

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



70.7137, 72.0467, 49.2091



57.7427, 72.0467, 90.4686



78.0305, 72.0467, 103.0773

Complementary

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



70.7137, 72.0467, 49.2091



55.5490, 58.7322, 97.2160

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.



72.5565, 72.0467, 115.6529



70.7137, 72.0467, 49.2091



60.9425, 72.0467, 107.6409

Square

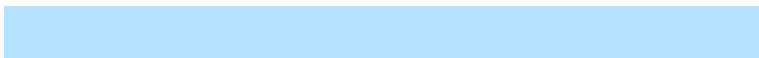
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7137, 72.0467, 49.2091



57.3161, 72.0467, 72.2817



66.2904, 72.0467, 117.4397



81.0029, 72.0467, 84.9524

Rectangle

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



70.7137, 72.0467, 49.2091



61.1179, 72.0467, 54.7160



66.2904, 72.0467, 117.4397



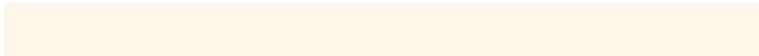
76.4069, 72.0467, 108.2041

Sweetspot

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



70.7156, 72.0500, 49.2106



88.5675, 92.5988, 89.5865



64.4760, 53.8669, 64.7153



18.7445, 19.5735, 18.5535



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

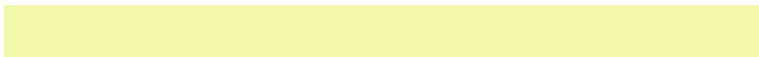
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.7156, 72.0500, 49.2106



72.0140, 72.5644, 43.7674



77.9535, 89.1566, 52.1310



18.0794, 18.8947, 18.1565



26.4083, 21.7733, 2.8108



2.5507, 2.2263, 0.2953

Inverse Universe

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



55.5490, 58.7322, 97.2160



53.4176, 56.2409, 102.6479



49.8433, 45.6382, 94.9894



16.8836, 17.8440, 21.9397



11.9806, 9.3168, 49.1404



1.2119, 1.0675, 4.5853

Previews

White Background



This preview shows how the XYZ color 70.7137, 72.0467, 49.2091 looks on a white background.

Color Contrast Check

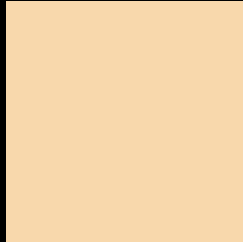
Large Text (above 18pt) WCAG AA × Fail

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 70.7137, 72.0467, 49.2091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

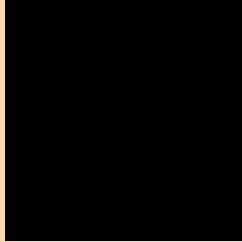
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7137, 72.0467, 49.2091

Background



This preview shows how black text looks on a background with the XYZ color 70.7137, 72.0467, 49.2091.



This preview shows how white text looks on a background with the XYZ color 70.7137, 72.0467,

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

70.7137, 72.0467, 49.2091

Protanopia

67.4941, 71.9046, 50.3660

Deuteranopia

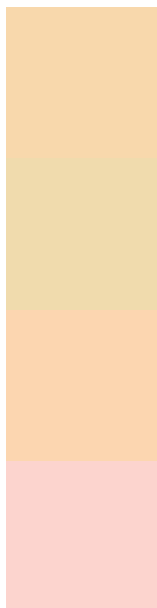
73.0701, 72.0629, 52.1778



Tritanopia

77.2641, 72.1080, 81.0801

Trichromacy



Original Color

70.7137, 72.0467, 49.2091

Protanomaly

68.8095, 72.2054, 49.8456

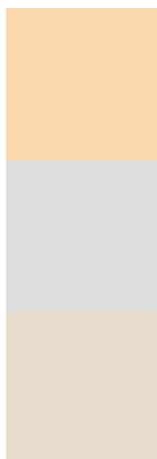
Deuteranomaly

72.0279, 71.9232, 51.1606

Tritanomaly

74.8289, 72.2386, 68.3921

Monochromacy



Original Color

70.7137, 72.0467, 49.2091

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.0660, 71.9638, 66.7501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7137, 72.0467, 49.2091 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, 216, 172) looks like.

```
.text, #text, p{  
    color:rgb(248, 216, 172)  
}
```

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, 216, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 216, 172) }
```

Border

The CSS property to change the border of an element to XYZ 70.7137, 72.0467, 49.2091 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, 216, 172) }
```


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

```
.border{ border-color:rgb(248, 216, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 216, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 216, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 216, 172); box-shadow:4px 4px 4px 4px rgb(248, 216, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7137, 72.0467, 49.2091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 216, 172) }
```

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

```
.background{ background-color: rgb(248,  
216, 172) }
```

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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