

Converting Colors

XYZ(72.1490, 72.8345, 43.8124)

Have a look what the booklet for
XYZ(72.1490, 72.8345, 43.8124)
contains.

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Color

**XYZ(72.2289, 72.9449,
43.9911)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8A1
RGB	255, 216, 161
RGB Percent	100%, 85%, 63%
CMY	0.0000, 0.1529, 0.3686
CMYK	0.00, 0.15, 0.37, 0.00
HSL	35°, 100%, 82%
HSV	35°, 37%, 100%
XYZ	72.2289, 72.9449, 43.9911
YIQ	221.3910, 40.8990, -8.8370

Conversions

Conversions Part 2

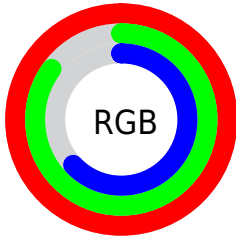
Format	Color
R _Y B	228, 255, 161
Decimal	16767137
CIE Lab	88.42, 6.18, 32.18
CIE LCh	88, 32.772, 79.124
Yxy	72.9449, 0.3818, 0.3856
Android (android.graphics.Color)	4294957217 (0xFFFFD8A1)
YUV	221.3910, -29.7728, 29.4751
Hunter-Lab	85.4078, 1.4929, 29.2469

Details

The XYZ color **72.2289, 72.9449, 43.9911** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.4016, 56.1038, 102.6223**, and the grayscale version is **69.1863, 72.7893, 79.2676**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **38.5311, 38.4642, 19.8615** is the 20% darker color. If you saturate the color by 10%, you get **67.5825, 66.8912, 32.4567**, and if you desaturate by 10%, it is **77.5120, 79.5378, 58.0017**.

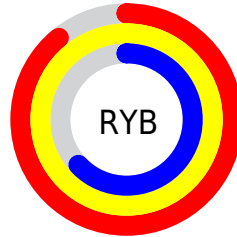
Distribution



Red (100%)

Green (85%)

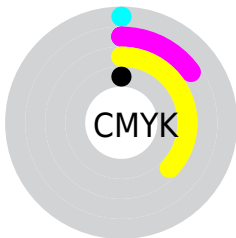
Blue (63%)



Red (89%)

Yellow (100%)

Blue (63%)

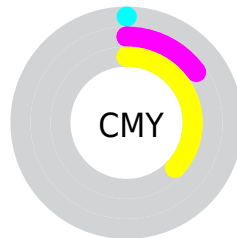


Cyan (0%)

Magenta (15%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.2289, 72.9449, 43.9911 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 72.2289, 72.9449, 43.9911 by changing the saturation by 10% instead.


 72.2289, 72.9449,
43.9911


 72.2289, 72.9449,
43.9911

457.4832,
470.8238, 378.7122

 53.6318, 53.9309,
30.3264


 121.3910,
123.3990, 82.5067

 38.5369, 38.5464,
19.8323


 152.6866,
155.6079, 108.1946

 26.5787, 26.4071,
12.0903


188.9459,
192.9838, 138.7274

 17.3920, 17.1284,
6.6819

230.5341,
235.9113, 174.5235

 10.6114, 10.3261,
3.1886

277.8165,
284.7746, 216.0015

 5.8716, 5.6157,
1.1917

331.1586,

 2.8071, 2.6128,

339.9582, 263.5799

0.0000

390.9257,
401.8465, 317.6773

■ 1.0526, 0.9331,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.2289, 72.9449,
43.9911

■ 72.2289, 72.9449,
43.9911

■ 67.5825, 66.8912,
32.4567

■ 77.5120, 79.5378,
58.0017

■ 63.5360, 61.3488,
23.2452

■ 83.4553, 86.6763,
74.6203

■ 60.0569, 56.3019,
16.1930

■ 90.0874, 94.3796,
93.9748

■ 57.1063, 51.7295,
11.1129

95.0500, 100.0000,
108.9000

■ 54.6392, 47.6079,
7.7854

■ 52.5994, 43.9086,
5.9327

■ 52.0218, 42.8237,
5.5239

Harmonies

Analogous

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



79.7227, 72.9449, 50.9359



72.2289, 72.9449, 43.9911



64.4878, 72.9449, 45.0891

Triad

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



72.2289, 72.9449, 43.9911



55.9849, 72.9449, 94.4985



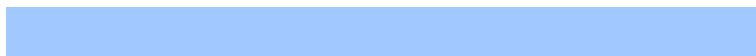
81.4252, 72.9449, 111.3244

Complementary

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



72.2289, 72.9449, 43.9911



53.4016, 56.1038, 102.6223

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.



74.4128, 72.9449, 127.8557



72.2289, 72.9449, 43.9911



59.8857, 72.9449, 116.9411

Square

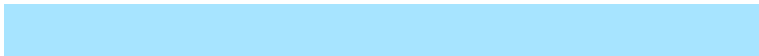
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2289, 72.9449, 43.9911



55.4975, 72.9449, 71.5187



66.5135, 72.9449, 130.0863



85.2933, 72.9449, 87.8926

Rectangle

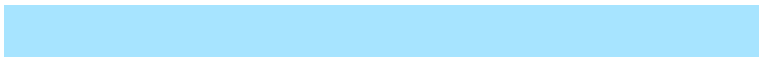
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.2289, 72.9449, 43.9911



60.2080, 72.9449, 50.3046



66.5135, 72.9449, 130.0863



79.3340, 72.9449, 118.0478

Sweetspot

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



72.2307, 72.9483, 43.9926



87.2578, 91.1225, 85.6263



64.4302, 50.9284, 61.1808



18.4840, 19.2801, 17.7645



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.



72.2307, 72.9483, 43.9926



68.8499, 68.5713, 35.5140



80.6098, 93.8978, 47.5946



18.8927, 19.7535, 18.9614



27.3334, 22.6779, 2.9367



2.7692, 2.4238, 0.3219

Inverse Universe

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



53.4016, 56.1038, 102.6223



47.6149, 49.5854, 101.6691



47.1221, 41.1272, 100.0625



17.6220, 18.6156, 22.9143



12.2519, 9.4133, 50.6058



1.2977, 1.1260, 4.9622

Previews

White Background



This preview shows how the XYZ color 72.2289, 72.9449, 43.9911 looks on a white background.

Color Contrast Check

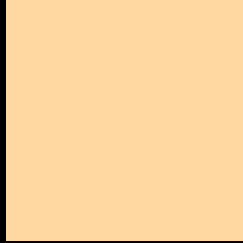
Large Text (above 18pt) WCAG AA × Fail

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 72.2289, 72.9449, 43.9911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

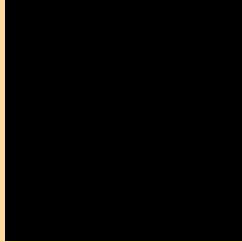
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2289, 72.9449, 43.9911

Background



This preview shows how black text looks on a background with the XYZ color 72.2289, 72.9449, 43.9911.



This preview shows how white text looks on a background with the XYZ color 72.2289, 72.9449,

43.9911.

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

72.2289, 72.9449, 43.9911

Protanopia

68.0820, 73.1000, 45.6434

Deuteranopia

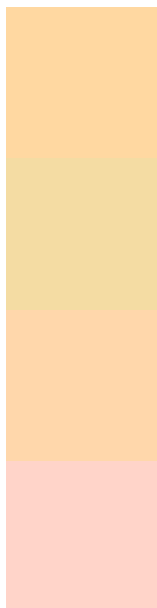
73.4763, 73.0352, 51.8196



Tritanopia

77.7411, 72.7350, 80.4629

Trichromacy



Original Color

72.2289, 72.9449, 43.9911

Protanomaly

69.5123, 73.0638, 45.0894

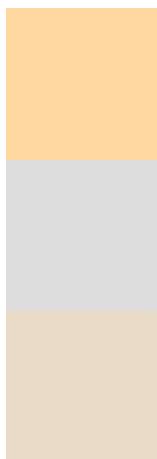
Deuteranomaly

72.8911, 72.8012, 48.7383

Tritanomaly

75.3261, 72.5640, 65.2945

Monochromacy



Original Color

72.2289, 72.9449, 43.9911

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.2446, 72.1102, 64.3019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2289, 72.9449, 43.9911 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, 216, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 161)  
}
```

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, 216, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 161) }
```

Border

The CSS property to change the border of an element to XYZ 72.2289, 72.9449, 43.9911 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, 216, 161) }
```


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

```
.border{ border-color:rgb(255, 216, 161) }
```

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

Here you see how a box with a 4 pixel rgb(255, 216, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2289, 72.9449, 43.9911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 161) }
```

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

```
.background{ background-color: rgb(255,  
216, 161) }
```

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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