

Converting Colors

XYZ(72.5213, 71.4421, 50.5249)

Have a look what the booklet for
XYZ(72.5213, 71.4421, 50.5249)
contains.

XYZ(72.5213, 71.4421, 50.5249)	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(72.5213, 71.4421,
50.5249)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4AF
RGB	255, 212, 175
RGB Percent	100%, 83%, 69%
CMY	0.0000, 0.1686, 0.3137
CMYK	0.00, 0.17, 0.31, 0.00
HSL	28°, 100%, 84%
HSV	28°, 31%, 100%
XYZ	72.5213, 71.4421, 50.5249
YIQ	220.6390, 37.5050, -2.3910

Conversions

Conversions Part 2

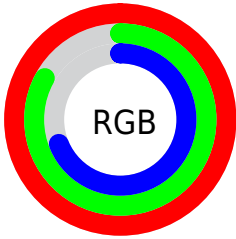
Format	Color
R _Y B	255, 244, 175
Decimal	16766127
CIE Lab	87.70, 9.91, 23.95
CIE LCh	88, 25.923, 67.523
Yxy	71.4421, 0.3729, 0.3673
Android (android.graphics.Color)	4294956207 (0xFFFFD4AF)
YUV	220.6390, -22.5000, 30.1346
Hunter-Lab	84.5234, 5.2374, 23.7251

Details

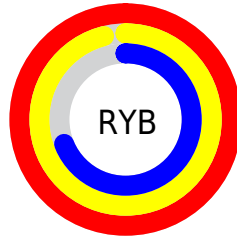
The XYZ color **72.5213, 71.4421, 50.5249** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.7998, 66.4746, 104.2341**, and the grayscale version is **68.6100, 72.1830, 78.6073**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **38.5958, 37.3894, 23.5950** is the 20% darker color. If you saturate the color by 10%, you get **66.9682, 63.9723, 37.4626**, and if you desaturate by 10%, it is **78.8419, 79.6893, 66.1778**.

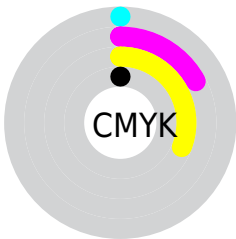
Distribution



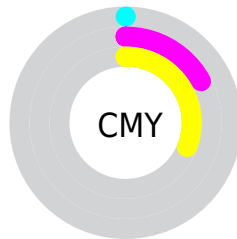
- Red (100%)
- Green (83%)
- Blue (69%)



- Red (100%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5213, 71.4421, 50.5249 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 72.5213, 71.4421, 50.5249 by changing the saturation by 10% instead.


 72.5213, 71.4421,
50.5249

 72.5213, 71.4421,
50.5249


458.4835,
465.5974, 405.5088

 53.8716, 52.7031,
35.4565


 121.8042,
121.2630, 92.3564

 38.7293, 37.5658,
23.7284


153.1681,
153.1137, 119.9566

 26.7290, 25.6459,
14.9219


189.5008,
190.1037, 152.5712

 17.5053, 16.5589,
8.6186

231.1676,
232.6174, 190.6188

 10.6929, 9.9205,
4.3999

278.5340,
281.0392, 234.5177

 5.9265, 5.3463,
1.8472

331.9652,

 2.8407, 2.4518,

335.7536, 284.6867

0.4588

391.8266,
397.1448, 341.5442

■ 1.0701, 0.8524,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.5213, 71.4421,
50.5249

■ 72.5213, 71.4421,
50.5249

■ 66.9682, 63.9723,
37.4626

■ 78.8419, 79.6893,
66.1778

■ 62.1431, 57.2450,
26.8435

■ 85.9560, 88.7277,
84.5486

■ 58.0111, 51.2367,
18.5121

■ 93.8950, 98.5831,
105.7618

■ 54.5315, 45.9188,
12.2927

95.0500, 100.0000,
108.9000

■ 51.6585, 41.2598,
7.9840

■ 49.3381, 37.2246,
5.3438

■ 47.7131, 34.2062,
4.0877

Harmonies

Analogous

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



77.7113, 71.4421, 58.9462



72.5213, 71.4421, 50.5249



66.3686, 71.4421, 48.8347

Triad

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



72.5213, 71.4421, 50.5249



56.8514, 71.4421, 82.3027



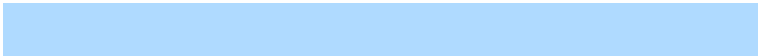
75.3566, 71.4421, 107.8278

Complementary

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



72.5213, 71.4421, 50.5249



60.7998, 66.4746, 104.2341

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.



69.4621, 71.4421, 116.3853



72.5213, 71.4421, 50.5249



58.9578, 71.4421, 100.2702

Square

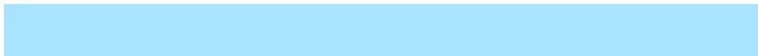
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5213, 71.4421, 50.5249



57.5613, 71.4421, 65.5562



63.4861, 71.4421, 113.4292



79.4159, 71.4421, 91.4545

Rectangle

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



72.5213, 71.4421, 50.5249



62.5891, 71.4421, 51.4749



63.4861, 71.4421, 113.4292



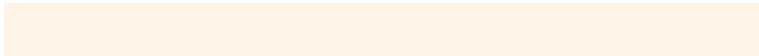
73.5106, 71.4421, 111.8182

Sweetspot

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



72.5231, 71.4454, 50.5264



87.7633, 90.9904, 89.3185



69.3566, 57.0352, 74.3718



18.5465, 19.1774, 18.4875



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.



72.5231, 71.4454, 50.5264



68.7579, 66.4075, 41.5869



83.4753, 93.3496, 54.1771



18.7018, 19.3719, 18.8978



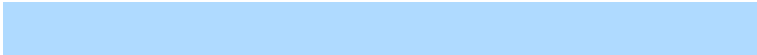
25.0769, 18.1650, 2.1845



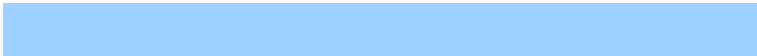
2.5496, 1.9845, 0.2487

Inverse Universe

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



60.7998, 66.4746, 104.2341



55.2606, 60.6800, 103.4076



51.8501, 48.5751, 101.2509



17.8116, 18.9949, 22.9776



14.2603, 13.4302, 51.2753



1.4978, 1.5264, 5.0289

Previews

White Background



This preview shows how the XYZ color 72.5213, 71.4421, 50.5249 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 72.5213, 71.4421, 50.5249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

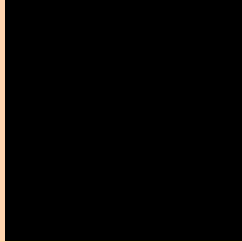
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5213, 71.4421, 50.5249

Background



This preview shows how black text looks on a background with the XYZ color 72.5213, 71.4421, 50.5249.



This preview shows how white text looks on a background with the XYZ color 72.5213, 71.4421,

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

72.5213, 71.4421, 50.5249

Protanopia

67.3342, 71.7647, 52.9509

Deuteranopia

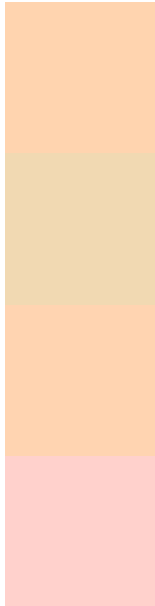
72.8194, 71.5613, 52.0942



Tritanopia

76.8470, 71.5922, 78.1750

Trichromacy



Original Color

72.5213, 71.4421, 50.5249

Protanomaly

69.1244, 71.5408, 52.2850

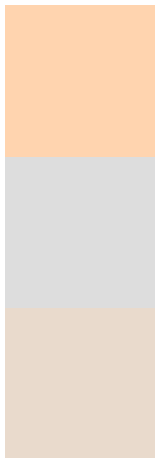
Deuteranomaly

72.7193, 71.5213, 51.5672

Tritanomaly

74.9395, 71.2206, 66.9239

Monochromacy



Original Color

72.5213, 71.4421, 50.5249

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.5748, 71.8261, 67.3236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5213, 71.4421, 50.5249 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 175) }
```

Border

The CSS property to change the border of an element to XYZ 72.5213, 71.4421, 50.5249 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, 175) }
```


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

```
.border{ border-color:rgb(255, 212, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5213, 71.4421, 50.5249 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
212, 175) }
```

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