

Converting Colors

XYZ(72.9901, 71.8223, 52.3993)

Have a look what the booklet for
XYZ(72.9901, 71.8223, 52.3993)
contains.

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Color

**XYZ(72.9202, 71.6016,
52.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4B3
RGB	255, 212, 179
RGB Percent	100%, 83%, 70%
CMY	0.0000, 0.1686, 0.2980
CMYK	0.00, 0.17, 0.30, 0.00
HSL	26°, 100%, 85%
HSV	26°, 30%, 100%
XYZ	72.9202, 71.6016, 52.6250
YIQ	221.0950, 36.2210, -1.1470

Conversions

Conversions Part 2

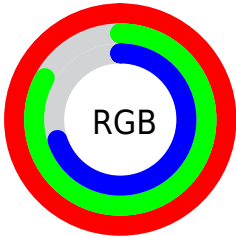
Format	Color
R _Y B	255, 237, 179
Decimal	16766131
CIE Lab	87.78, 10.41, 21.97
CIE LCh	88, 24.314, 64.638
Yxy	71.6016, 0.3699, 0.3632
Android (android.graphics.Color)	4294956211 (0xFFFFD4B3)
YUV	221.0950, -20.7528, 29.7347
Hunter-Lab	84.6177, 5.7432, 22.3591

Details

The XYZ color **72.9202, 71.6016, 52.6250** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.7609, 69.0441, 104.6267**, and the grayscale version is **68.9187, 72.5079, 78.9611**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **38.8488, 37.4906, 24.9275** is the 20% darker color. If you saturate the color by 10%, you get **67.1296, 63.7731, 39.1261**, and if you desaturate by 10%, it is **79.5134, 80.2718, 68.7460**.

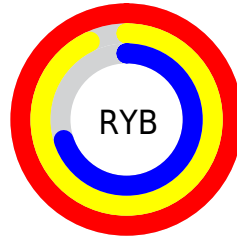
Distribution



Red (100%)

Green (83%)

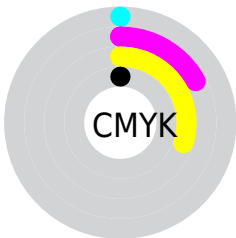
Blue (70%)



Red (100%)

Yellow (93%)

Blue (70%)

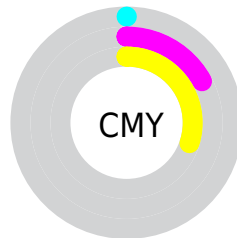


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.9202, 71.6016, 52.6250 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 72.9202, 71.6016, 52.6250 by changing the saturation by 10% instead.


 72.9202, 71.6016,
52.6250

 72.9202, 71.6016,
52.6250


459.8463,
466.1537, 413.8701

 54.1989, 52.8333,
37.1178


 122.3677,
121.4899, 95.4883

 38.9920, 37.6697,
25.0022

153.8245,
153.3788, 123.6815

 26.9342, 25.7264,
15.8597

190.2572,
190.4099, 156.9404

 17.6601, 16.6191,
9.2716

232.0311,
232.9677, 195.6836

 10.8045, 9.9633,
4.8196

279.5116,
281.4366, 240.3296

 6.0018, 5.3746,
2.0849

333.0641,

 2.8869, 2.4687,

336.2010, 291.2971

0.6068

393.0539,
397.6452, 349.0044

■ 1.0942, 0.8609,
0.0000

■ 0.0203, 0.0000,
0.0000

■ 72.9202, 71.6016,
52.6250

■ 72.9202, 71.6016,
52.6250

■ 67.1296, 63.7731,
39.1261

■ 79.5134, 80.2718,
68.7460

■ 62.1018, 56.7493,
28.1033

■ 86.9364, 89.7998,
87.6152

■ 57.8008, 50.5044,
19.4031

95.0500, 100.0000,
108.9000

■ 54.1853, 45.0071,
12.8529

■ 51.2088, 40.2237,
8.2552

■ 48.8173, 36.1163,
5.3756

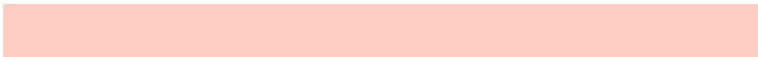
■ 46.9299, 32.6355,
3.8402

■ 46.8962, 32.5725,
3.8154

Harmonies

Analogous

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



77.6002, 71.6016, 61.2567



72.9202, 71.6016, 52.6250



67.1618, 71.6016, 50.3806

Triad

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



72.9202, 71.6016, 52.6250



57.5825, 71.6016, 80.5601



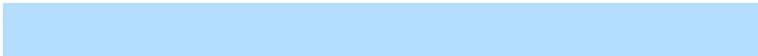
74.5597, 71.6016, 107.1438

Complementary

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



72.9202, 71.6016, 52.6250



62.7609, 69.0441, 104.6267

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.



68.9564, 71.6016, 114.1246



72.9202, 71.6016, 52.6250



59.3268, 71.6016, 97.4578

Square

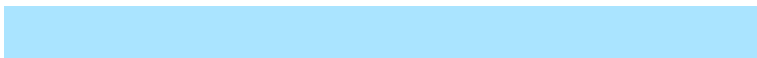
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9202, 71.6016, 52.6250



58.5118, 71.6016, 65.1253



63.4115, 71.6016, 110.3518



78.5836, 71.6016, 92.3834

Rectangle

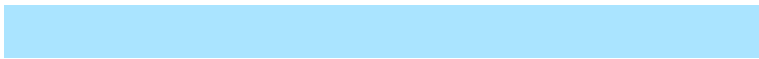
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9202, 71.6016, 52.6250



63.5329, 71.6016, 52.4944



63.4115, 71.6016, 110.3518



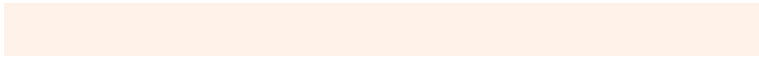
72.7871, 71.6016, 110.5661

Sweetspot

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



72.9219, 71.6048, 52.6265



87.5697, 90.6032, 89.2539



70.5543, 58.7784, 76.7814



18.4989, 19.0822, 18.4716



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.



72.9219, 71.6048, 52.6265



69.2405, 66.6550, 43.9607



83.5418, 92.8446, 56.1664



18.6582, 19.2847, 18.8833



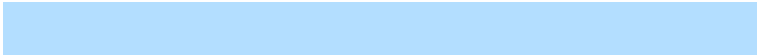
24.6463, 17.3039, 2.0410



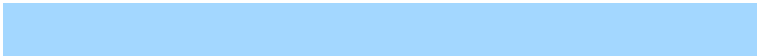
2.5060, 1.8973, 0.2341

Inverse Universe

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



62.7609, 69.0441, 104.6267



57.5296, 63.6964, 103.8702



53.7955, 51.1133, 101.6383



17.8558, 19.0833, 22.9923



14.8146, 14.5387, 51.4600



1.5511, 1.6330, 5.0467

Previews

White Background



This preview shows how the XYZ color 72.9202, 71.6016, 52.6250 looks on a white background.

Color Contrast Check

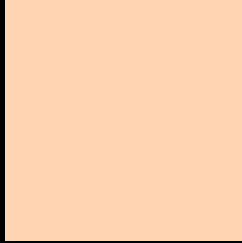
Large Text (above 18pt) WCAG AA × Fail

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 72.9202, 71.6016, 52.6250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

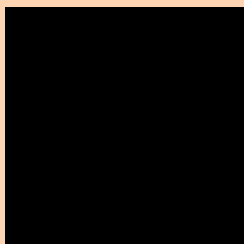
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9202, 71.6016, 52.6250

Background



This preview shows how black text looks on a background with the XYZ color 72.9202, 71.6016, 52.6250.



This preview shows how white text looks on a background with the XYZ color 72.9202, 71.6016,

52.6250.

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

72.9202, 71.6016, 52.6250

Protanopia

67.7447, 71.9289, 55.1129

Deuteranopia

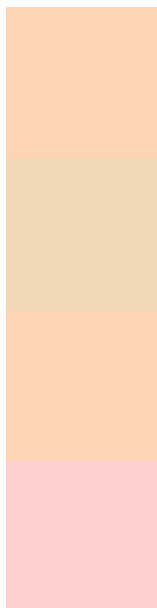
73.0217, 71.6423, 53.1597



Tritanopia

76.9807, 71.6457, 78.8789

Trichromacy



Original Color

72.9202, 71.6016, 52.6250

Protanomaly

69.5320, 71.7039, 54.4315

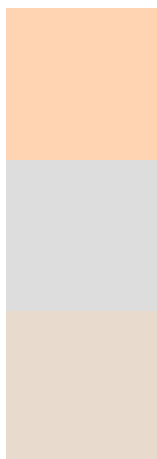
Deuteranomaly

73.0217, 71.6423, 53.1597

Tritanomaly

75.1810, 71.3172, 68.1956

Monochromacy



Original Color

72.9202, 71.6016, 52.6250

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.8163, 71.9227, 68.5953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9202, 71.6016, 52.6250 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 179) }
```

Border

The CSS property to change the border of an element to XYZ 72.9202, 71.6016, 52.6250 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, 179) }
```


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

```
.border{ border-color:rgb(255, 212, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9202, 71.6016, 52.6250 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
212, 179) }
```

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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