

Converting Colors

XYZ(90.2071, 79.9009, 51.1616)

Have a look what the booklet for
XYZ(90.2071, 79.9009, 51.1616)
contains.

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Color

**XYZ(72.0245, 70.4483,
50.3592)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2AF
RGB	255, 210, 175
RGB Percent	100%, 82%, 69%
CMY	0.0000, 0.1764, 0.3137
CMYK	0.00, 0.18, 0.31, 0.00
HSL	26°, 100%, 84%
HSV	26°, 31%, 100%
XYZ	72.0245, 70.4483, 50.3592
YIQ	219.4650, 38.0550, -1.3450

Conversions

Conversions Part 2

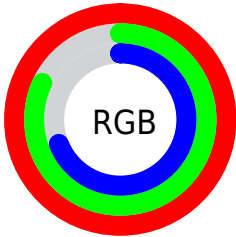
Format	Color
R _Y B	255, 237, 175
Decimal	16765615
CIE Lab	87.22, 10.95, 23.29
CIE LCh	87, 25.735, 64.825
Yxy	70.4483, 0.3735, 0.3653
Android (android.graphics.Color)	4294955695 (0xFFFFD2AF)
YUV	219.4650, -21.9212, 31.1642
Hunter-Lab	83.9335, 6.2898, 23.1801

Details

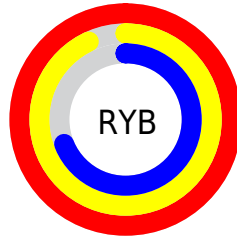
The XYZ color **72.0245, 70.4483, 50.3592** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.3216, 67.5182, 104.4081**, and the grayscale version is **67.7855, 71.3156, 77.6627**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **38.4273, 37.0524, 23.5388** is the 20% darker color. If you saturate the color by 10%, you get **66.3692, 62.7745, 37.2629**, and if you desaturate by 10%, it is **78.4734, 78.9524, 66.0549**.

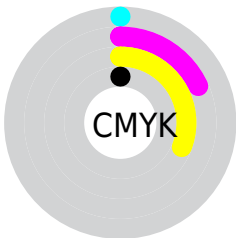
Distribution



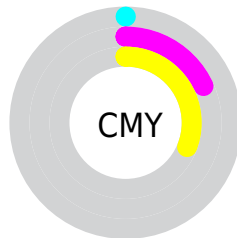
- Red (100%)
- Green (82%)
- Blue (69%)



- Red (100%)
- Yellow (93%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0245, 70.4483, 50.3592 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 72.0245, 70.4483, 50.3592 by changing the saturation by 10% instead.


 72.0245, 70.4483,
50.3592

 72.0245, 70.4483,
50.3592


456.7832,
462.1225, 404.8442

 53.4642, 51.8921,
35.3257


 121.1020,
119.8478, 92.1086

 38.4024, 36.9191,
23.6283

152.3499,
151.4600, 119.6617

 26.4738, 25.1448,
14.8485

188.5577,
188.1928, 152.2249

 17.3130, 16.1850,
8.5677

230.0908,
230.4309, 190.2170

 10.5546, 9.6552,
4.3674

277.3146,
278.5585, 234.0565

 5.8332, 5.1709,
1.8290

330.5943,

 2.7836, 2.3479,

332.9600, 284.1618

0.4470

390.2954,
394.0199, 340.9515

■ 1.0404, 0.7989,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.0245, 70.4483,
50.3592

■ 72.0245, 70.4483,
50.3592

■ 66.3692, 62.7745,
37.2629

■ 78.4734, 78.9524,
66.0549

■ 61.4677, 55.8942,
26.6183

■ 85.7436, 88.3029,
84.4777

■ 57.2834, 49.7815,
18.2695

■ 93.8673, 98.5278,
105.7524

■ 53.7747, 44.4052,
12.0405

■ 95.0500, 100.0000,
108.9000

■ 50.8943, 39.7313,
7.7292

■ 48.5867, 35.7217,
5.0933

■ 46.9879, 32.7557,
3.8460

Harmonies

Analogous

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



76.9577, 70.4483, 59.2287



72.0245, 70.4483, 50.3592



65.9865, 70.4483, 48.0953

Triad

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



72.0245, 70.4483, 50.3592



56.0351, 70.4483, 79.5392



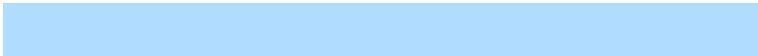
73.8161, 70.4483, 107.3952

Complementary

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



72.0245, 70.4483, 50.3592



61.3216, 67.5182, 104.4081

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.



67.9410, 70.4483, 114.8737



72.0245, 70.4483, 50.3592



57.8662, 70.4483, 97.3225

Square

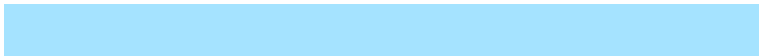
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.0245, 70.4483, 50.3592



56.9841, 70.4483, 63.4032



62.1367, 70.4483, 110.9362



78.0349, 70.4483, 91.7509

Rectangle

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



72.0245, 70.4483, 50.3592



62.1981, 70.4483, 50.2942



62.1367, 70.4483, 110.9362



71.9568, 70.4483, 111.0464

Sweetspot

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



72.0262, 70.4515, 50.3606



87.5922, 90.6482, 89.2614



69.5329, 57.1056, 75.3001



18.5044, 19.0933, 18.4734



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.



72.0262, 70.4515, 50.3606



68.1905, 65.2727, 41.3978



83.0602, 92.5195, 54.0386



18.6633, 19.2948, 18.8849



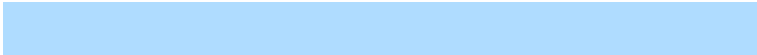
24.6947, 17.4006, 2.0571



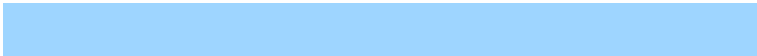
2.5109, 1.9072, 0.2358

Inverse Universe

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



61.3216, 67.5182, 104.4081



55.8639, 61.8867, 103.6087



52.1185, 49.1121, 101.3404



17.8507, 19.0730, 22.9906



14.7484, 14.4063, 51.4380



1.5448, 1.6203, 5.0446

Previews

White Background



This preview shows how the XYZ color 72.0245, 70.4483, 50.3592 looks on a white background.

Color Contrast Check

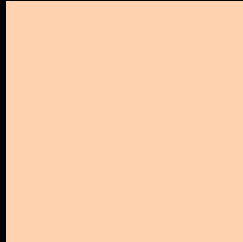
Large Text (above 18pt) WCAG AA × Fail

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 72.0245, 70.4483, 50.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

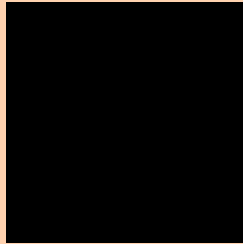
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0245, 70.4483, 50.3592

Background



This preview shows how black text looks on a background with the XYZ color 72.0245, 70.4483, 50.3592.



This preview shows how white text looks on a background with the XYZ color 72.0245, 70.4483,

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

72.0245, 70.4483, 50.3592

Protanopia

66.4868, 70.5533, 52.7617

Deuteranopia

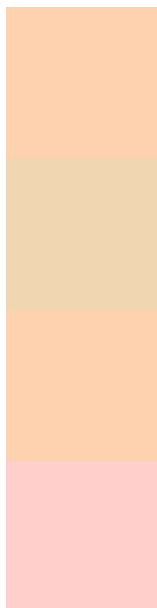
72.0245, 70.4483, 50.3592



Tritanopia

76.0975, 70.5171, 76.6182

Trichromacy



Original Color

72.0245, 70.4483, 50.3592

Protanomaly

68.2715, 70.3405, 52.0983

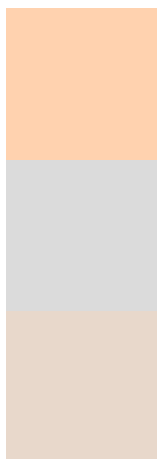
Deuteranomaly

72.0245, 70.4483, 50.3592

Tritanomaly

74.3323, 70.1974, 66.1316

Monochromacy



Original Color

72.0245, 70.4483, 50.3592

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.6141, 70.5793, 66.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0245, 70.4483, 50.3592 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, 210, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 175) }
```

Border

The CSS property to change the border of an element to XYZ 72.0245, 70.4483, 50.3592 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, 210, 175) }
```


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

```
.border{ border-color:rgb(255, 210, 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, 210, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0245, 70.4483, 50.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 175) }
```

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

```
.background{ background-color: rgb(255,  
210, 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](#).

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