

Converting Colors

XYZ(72.6647, 70.7311, 53.6483)

Have a look what the booklet for
XYZ(72.6647, 70.7311, 53.6483)
contains.

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Color

**XYZ(72.6271, 70.6894,
53.5326)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2B5
RGB	255, 210, 181
RGB Percent	100%, 82%, 71%
CMY	0.0000, 0.1764, 0.2902
CMYK	0.00, 0.18, 0.29, 0.00
HSL	24°, 100%, 85%
HSV	24°, 29%, 100%
XYZ	72.6271, 70.6894, 53.5326
YIQ	220.1490, 36.1290, 0.5210

Conversions

Conversions Part 2

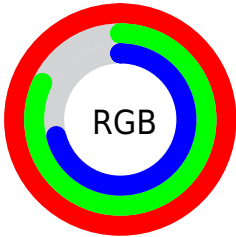
Format	Color
R _Y B	255, 229, 181
Decimal	16765621
CIE Lab	87.33, 11.71, 20.31
CIE LCh	87, 23.443, 60.038
Yxy	70.6894, 0.3689, 0.3591
Android (android.graphics.Color)	4294955701 (0xFFFFD2B5)
YUV	220.1490, -19.3005, 30.5643
Hunter-Lab	84.0770, 7.0565, 21.1034

Details

The XYZ color **72.6271, 70.6894, 53.5326** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.3015, 71.4341, 105.0069**, and the grayscale version is **68.2459, 71.8000, 78.1902**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **38.8107, 37.2058, 25.5580** is the 20% darker color. If you saturate the color by 10%, you get **66.6022, 62.4506, 39.7756**, and if you desaturate by 10%, it is **79.5053, 79.8680, 69.9382**.

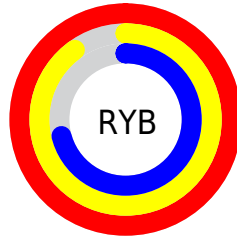
Distribution



Red (100%)

Green (82%)

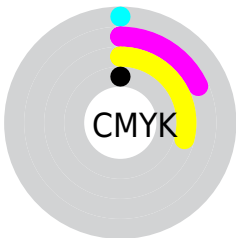
Blue (71%)



Red (100%)

Yellow (90%)

Blue (71%)

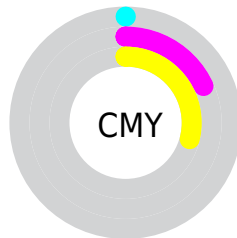


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6271, 70.6894, 53.5326 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 72.6271, 70.6894, 53.5326 by changing the saturation by 10% instead.


 72.6271, 70.6894,
53.5326

 72.6271, 70.6894,
53.5326


458.8452,
462.9669, 417.4493

 53.9584, 52.0888,
37.8375


 121.9537,
120.1914, 96.8371

 38.7989, 37.0758,
25.5557

153.3422,
151.8615, 125.2836

 26.7834, 25.2662,
16.2688


189.7015,
188.6569, 158.8175

 17.5463, 16.2755,
9.5581

231.3968,
230.9620, 197.8576

 10.7225, 9.7193,
5.0052

278.7934,
279.1611, 242.8222

 5.9465, 5.2133,
2.1915

332.2568,

 2.8529, 2.3729,

333.6387, 294.1301

0.6695

392.1523,
394.7792, 352.1995

■ 1.0765, 0.8119,
0.0000

■ 0.0053, 0.0000,
0.0000

■ 72.6271, 70.6894,
53.5326

■ 72.6271, 70.6894,
53.5326

■ 66.6022, 62.4506,
39.7756

■ 79.5053, 79.8680,
69.9382

■ 61.3888, 55.1106,
28.5215

■ 87.2658, 90.0065,
89.1188

■ 56.9489, 48.6390,
19.6174

95.0500, 100.0000,
108.9000

■ 53.2392, 43.0002,
12.8913

■ 50.2110, 38.1552,
8.1473

■ 47.8082, 34.0611,
5.1534

■ 45.9534, 30.6648,
3.5687

■ 45.7925, 30.3649,
3.4475

Harmonies

Analogous

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



76.7972, 70.6894, 62.7394



72.6271, 70.6894, 53.5326



67.1812, 70.6894, 50.4079

Triad

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



72.6271, 70.6894, 53.5326



57.1277, 70.6894, 76.9888



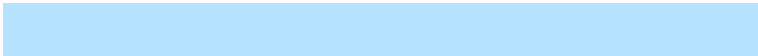
72.6399, 70.6894, 106.3815

Complementary

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



72.6271, 70.6894, 53.5326



64.3015, 71.4341, 105.0069

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.



67.1952, 70.6894, 111.5255



72.6271, 70.6894, 53.5326



58.4161, 70.6894, 93.2016

Square

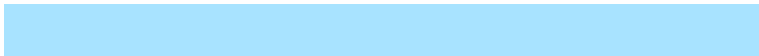
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6271, 70.6894, 53.5326



58.4097, 70.6894, 62.7697



62.0278, 70.6894, 106.4064



76.8048, 70.6894, 93.1621

Rectangle

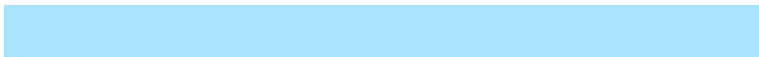
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6271, 70.6894, 53.5326



63.6182, 70.6894, 51.8077



62.0278, 70.6894, 106.4064



70.8892, 70.6894, 109.1870

Sweetspot

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



72.6288, 70.6926, 53.5340



87.2814, 90.0266, 89.1578



71.5789, 59.8343, 80.1850



18.4280, 18.9406, 18.4480



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.



72.6288, 70.6926, 53.5340



68.9244, 65.6528, 44.9958



82.6481, 90.7312, 56.8738



18.5933, 19.1549, 18.8616



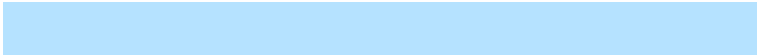
24.0624, 16.1360, 1.8463



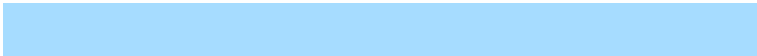
2.4455, 1.7764, 0.2140

Inverse Universe

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



64.3015, 71.4341, 105.0069



59.3212, 66.4954, 104.3161



55.4409, 53.7129, 102.0533



17.9222, 19.2161, 23.0144



15.7100, 16.3296, 51.7585



1.6360, 1.8028, 5.0750

Previews

White Background



This preview shows how the XYZ color 72.6271, 70.6894, 53.5326 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 72.6271, 70.6894, 53.5326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

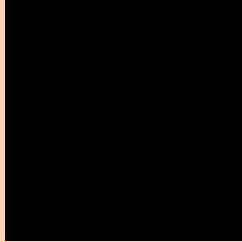
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6271, 70.6894, 53.5326

Background



This preview shows how black text looks on a background with the XYZ color 72.6271, 70.6894, 53.5326.



This preview shows how white text looks on a background with the XYZ color 72.6271, 70.6894,

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

72.6271, 70.6894, 53.5326

Protanopia

67.0435, 71.1547, 56.0996

Deuteranopia

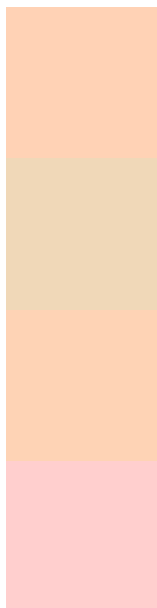
72.5078, 70.9956, 53.5980



Tritanopia

76.2296, 70.5699, 77.3138

Trichromacy



Original Color

72.6271, 70.6894, 53.5326

Protanomaly

69.1428, 71.0977, 55.4264

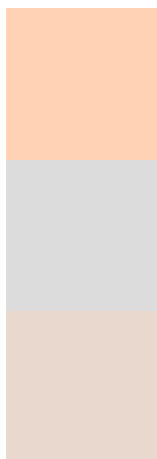
Deuteranomaly

72.5078, 70.9956, 53.5980

Tritanomaly

74.6934, 70.3419, 68.0331

Monochromacy



Original Color

72.6271, 70.6894, 53.5326

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.3007, 70.8916, 68.4234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6271, 70.6894, 53.5326 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 181) }
```

Border

The CSS property to change the border of an element to XYZ 72.6271, 70.6894, 53.5326 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, 181) }
```


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

```
.border{ border-color:rgb(255, 210, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6271, 70.6894, 53.5326 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
210, 181) }
```

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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