

Converting Colors

XYZ(93.1958, 81.0281, 58.6535)

Have a look what the booklet for
XYZ(93.1958, 81.0281, 58.6535)
contains.

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Color

**XYZ(73.4719, 71.0273,
57.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2BD
RGB	255, 210, 189
RGB Percent	100%, 82%, 74%
CMY	0.0000, 0.1764, 0.2588
CMYK	0.00, 0.18, 0.26, 0.00
HSL	19°, 100%, 87%
HSV	19°, 26%, 100%
XYZ	73.4719, 71.0273, 57.9814
YIQ	221.0610, 33.5610, 3.0090

Conversions

Conversions Part 2

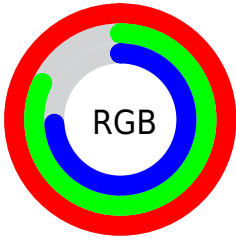
Format	Color
R _Y B	255, 220, 189
Decimal	16765629
CIE Lab	87.50, 12.77, 16.34
CIE LCh	87, 20.732, 51.997
Yxy	71.0273, 0.3629, 0.3508
Android (android.graphics.Color)	4294955709 (0xFFFFD2BD)
YUV	221.0610, -15.8061, 29.7645
Hunter-Lab	84.2777, 8.1274, 18.2040

Details

The XYZ color **73.4719, 71.0273, 57.9814** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4582, 76.8821, 105.8393**, and the grayscale version is **68.8626, 72.4488, 78.8967**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **39.1912, 37.0906, 28.3861** is the 20% darker color. If you saturate the color by 10%, you get **66.8824, 61.8953, 43.3084**, and if you desaturate by 10%, it is **81.0179, 81.2928, 75.3758**.

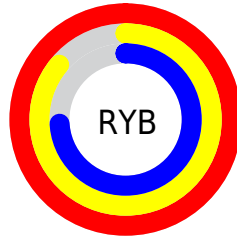
Distribution



Red (100%)

Green (82%)

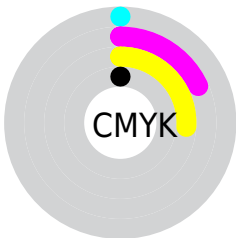
Blue (74%)



Red (100%)

Yellow (86%)

Blue (74%)

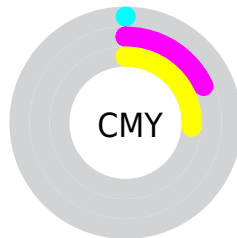


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4719, 71.0273, 57.9814 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 73.4719, 71.0273, 57.9814 by changing the saturation by 10% instead.


 73.4719, 71.0273,
57.9814

 73.4719, 71.0273,
57.9814


461.7272,
464.1489, 434.7129

 54.6517, 52.3645,
41.3791


 123.1464,
120.6726, 103.4103

 39.3556, 37.2957,
28.2935


154.7314,
152.4239, 133.0739

 27.2185, 25.4365,
18.3060


191.3021,
189.3067, 167.9285

 17.8748, 16.4026,
10.9982


233.2237,
231.7056, 208.3924

 10.9593, 9.8095,
5.9515

280.8617,
280.0048, 254.8843

 6.1066, 5.2728,
2.7473

334.5813,

 2.9513, 2.4082,

334.5889, 307.8226

0.9671

394.7481,
395.8421, 367.6260

■ 1.1280, 0.8301,
0.0000

■ 0.0484, 0.0000,
0.0000

■ 73.4719, 71.0273,
57.9814

■ 73.4719, 71.0273,
57.9814

■ 66.8824, 61.8953,
43.3084

■ 81.0179, 81.2928,
75.3758

■ 61.2038, 53.8475,
31.2132

■ 89.5528, 92.7202,
95.6162

■ 56.3945, 46.8447,
21.5457

95.0500, 100.0000,
108.9000

■ 52.4071, 40.8416,
14.1383

■ 49.1893, 35.7892,
8.8015

■ 46.6816, 31.6337,
5.3147

■ 44.8132, 28.3144,
3.4050

■ 44.1941, 27.1681,
2.9147

Harmonies

Analogous

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



76.6178, 71.0273, 67.6733



73.4719, 71.0273, 57.9814



68.8283, 71.0273, 53.5967

Triad

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



73.4719, 71.0273, 57.9814



58.6112, 71.0273, 73.6439



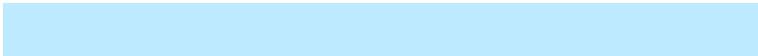
71.0964, 71.0273, 105.1194

Complementary

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



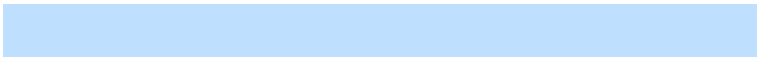
73.4719, 71.0273, 57.9814



68.4582, 76.8821, 105.8393

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.



66.2073, 71.0273, 107.2188



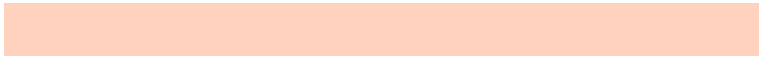
73.4719, 71.0273, 57.9814



59.1529, 71.0273, 87.8787

Square

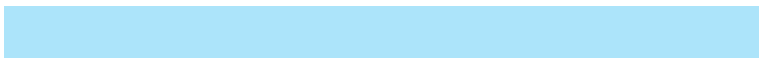
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4719, 71.0273, 57.9814



60.3610, 71.0273, 61.8987



61.8784, 71.0273, 100.5810



75.2008, 71.0273, 95.1492

Rectangle

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



73.4719, 71.0273, 57.9814



65.5718, 71.0273, 53.8526



61.8784, 71.0273, 100.5810



69.4846, 71.0273, 106.8138

Sweetspot

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



73.4736, 71.0305, 57.9829



87.6603, 90.2004, 91.0848



74.3037, 63.6022, 86.2779



18.4812, 18.9305, 18.8242



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.



73.4736, 71.0305, 57.9829



69.9835, 66.2165, 50.1409



82.4463, 88.9757, 60.9737



18.4812, 18.9305, 18.8242



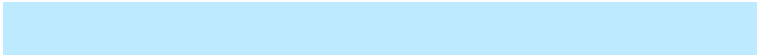
23.2104, 14.4321, 1.5624



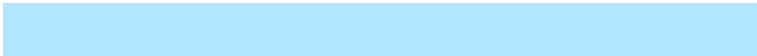
2.3534, 1.5922, 0.1833

Inverse Universe

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



68.4582, 76.8821, 105.8393



64.1959, 72.9498, 105.3050



59.9470, 59.8596, 103.0023



18.0388, 19.4492, 23.0533



17.4652, 19.8399, 52.3436



1.7990, 2.1288, 5.1293

Previews

White Background



This preview shows how the XYZ color 73.4719, 71.0273, 57.9814 looks on a white background.

Color Contrast Check

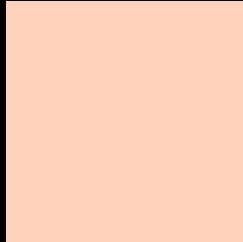
Large Text (above 18pt) WCAG AA × Fail

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 73.4719, 71.0273, 57.9814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

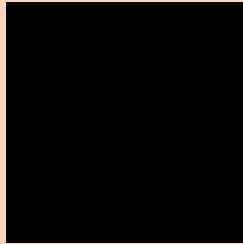
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4719, 71.0273, 57.9814

Background



This preview shows how black text looks on a background with the XYZ color 73.4719, 71.0273, 57.9814.



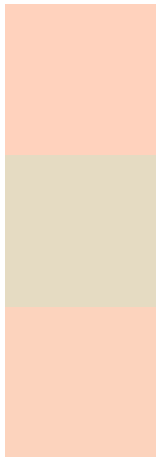
This preview shows how white text looks on a background with the XYZ color 73.4719, 71.0273,

57.9814.

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

73.4719, 71.0273, 57.9814

Protanopia

67.3822, 71.2161, 61.2336

Deuteranopia

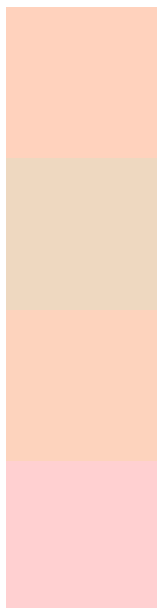
72.6245, 70.9581, 58.0127



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

73.4719, 71.0273, 57.9814

Protanomaly

69.3302, 71.0946, 59.9377

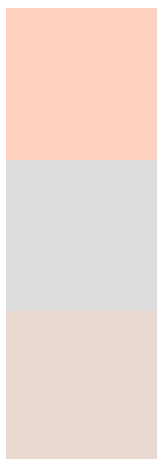
Deuteranomaly

72.9876, 71.1453, 58.0297

Tritanomaly

75.3045, 70.9752, 70.0522

Monochromacy



Original Color

73.4719, 71.0273, 57.9814

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.9258, 71.5528, 70.4472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4719, 71.0273, 57.9814 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 189) }
```

Border

The CSS property to change the border of an element to XYZ 73.4719, 71.0273, 57.9814 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, 189) }
```


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

```
.border{ border-color:rgb(255, 210, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4719, 71.0273, 57.9814 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
210, 189) }
```

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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