

Converting Colors

XYZ(73.7787, 72.9840, 53.9427)

Have a look what the booklet for
XYZ(73.7787, 72.9840, 53.9427)
contains.

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Color

**XYZ(73.8809, 73.1971,
53.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7B5
RGB	255, 215, 181
RGB Percent	100%, 84%, 71%
CMY	0.0000, 0.1568, 0.2902
CMYK	0.00, 0.16, 0.29, 0.00
HSL	28°, 100%, 85%
HSV	28°, 29%, 100%
XYZ	73.8809, 73.1971, 53.9506
YIQ	223.0840, 34.7540, -2.0940

Conversions

Conversions Part 2

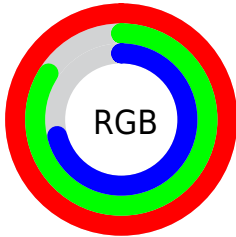
Format	Color
R _Y B	255, 244, 181
Decimal	16766901
CIE Lab	88.54, 9.12, 21.98
CIE LCh	89, 23.799, 67.473
Yxy	73.1971, 0.3675, 0.3641
Android (android.graphics.Color)	4294956981 (0xFFFFD7B5)
YUV	223.0840, -20.7474, 27.9903
Hunter-Lab	85.5553, 4.4211, 22.5008

Details

The XYZ color **73.8809, 73.1971, 53.9506** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.9617, 68.7544, 104.5602**, and the grayscale version is **70.3260, 73.9885, 80.5734**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **39.4930, 38.5704, 25.7854** is the 20% darker color. If you saturate the color by 10%, you get **68.1377, 65.5215, 40.2874**, and if you desaturate by 10%, it is **80.4024, 81.6622, 70.2374**.

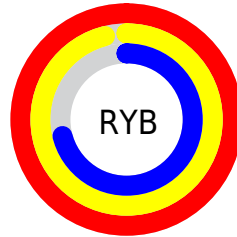
Distribution



Red (100%)

Green (84%)

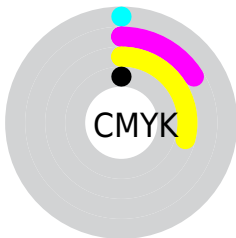
Blue (71%)



Red (100%)

Yellow (96%)

Blue (71%)

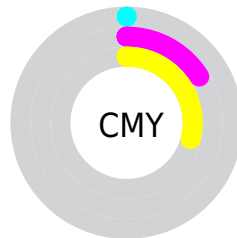


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8809, 73.1971, 53.9506 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 73.8809, 73.1971, 53.9506 by changing the saturation by 10% instead.


 73.8809, 73.1971,
53.9506

 73.8809, 73.1971,
53.9506


463.1189,
471.6976, 419.0909

 54.9875, 54.1371,
38.1693


 123.7234,
123.7570, 97.4574

 39.6255, 38.7113,
25.8112


155.4031,
156.0257, 126.0199

 27.4296, 26.5352,
16.4580


192.0758,
193.4661, 159.6799

 18.0344, 17.2245,
9.6910

234.1066,
236.4626, 198.8559

 11.0745, 10.3947,
5.0916

281.8609,
285.3997, 243.9665

 6.1846, 5.6614,
2.2414

335.7042,

 2.9994, 2.6403,

340.6616, 295.4301

0.6981

396.0017,
402.6328, 353.6654

■ 1.1534, 0.9470,
0.0000

■ 0.0691, 0.0000,
0.0000

■ 73.8809, 73.1971,
53.9506

■ 73.8809, 73.1971,
53.9506

■ 68.1377, 65.5215,
40.2874

■ 80.4024, 81.6622,
70.2374

■ 63.1338, 58.6005,
29.1033

■ 87.7279, 90.9306,
89.2729

■ 58.8349, 52.4109,
20.2461

95.0500, 100.0000,
108.9000

■ 55.2012, 46.9242,
13.5453

■ 52.1881, 42.1094,
8.8063

■ 49.7437, 37.9320,
5.7985

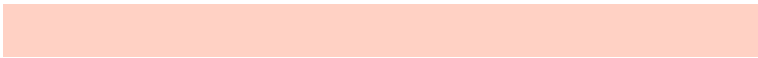
■ 47.7951, 34.3483,
4.1826

■ 47.6224, 34.0248,
4.0575

Harmonies

Analogous

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



78.6919, 73.1971, 61.9945



73.8809, 73.1971, 53.9506



68.1479, 73.1971, 52.3170

Triad

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



73.8809, 73.1971, 53.9506



59.2045, 73.1971, 83.8758



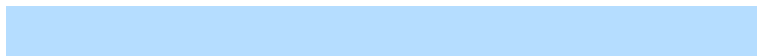
76.4957, 73.1971, 107.4712

Complementary

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



73.8809, 73.1971, 53.9506



62.9617, 68.7544, 104.5602

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.



71.0151, 73.1971, 115.2769



73.8809, 73.1971, 53.9506



61.1848, 73.1971, 100.4895

Square

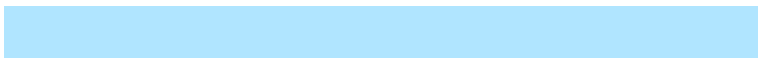
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8809, 73.1971, 53.9506



59.8783, 73.1971, 68.2057



65.4333, 73.1971, 112.5606



80.2584, 73.1971, 92.4163

Rectangle

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



73.8809, 73.1971, 53.9506



64.6093, 73.1971, 54.8430



65.4333, 73.1971, 112.5606



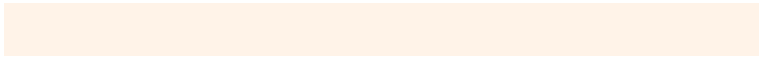
74.7818, 73.1971, 111.1178

Sweetspot

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



73.8828, 73.2005, 53.9521



87.7425, 90.9489, 89.3115



70.9090, 59.5664, 76.6573



18.5414, 19.1672, 18.4858



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.



73.8828, 73.2005, 53.9521



70.3556, 68.5151, 45.4729



84.1717, 93.7783, 57.3817



18.6972, 19.3625, 18.8962



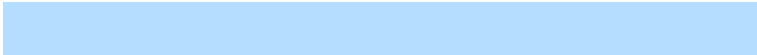
25.0291, 18.0695, 2.1686



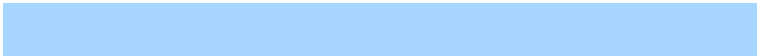
2.5448, 1.9749, 0.2471

Inverse Universe

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



62.9617, 68.7544, 104.5602



57.7667, 63.3864, 103.7979



54.3931, 51.6172, 101.7040



17.8164, 19.0043, 22.9791



14.3181, 13.5457, 51.2945



1.5034, 1.5376, 5.0308

Previews

White Background



This preview shows how the XYZ color 73.8809, 73.1971, 53.9506 looks on a white background.

Color Contrast Check

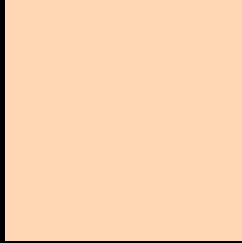
Large Text (above 18pt) WCAG AA × Fail

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 73.8809, 73.1971, 53.9506 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 73.8809, 73.1971, 53.9506

Background



This preview shows how black text looks on a background with the XYZ color 73.8809, 73.1971, 53.9506.



This preview shows how white text looks on a background with the XYZ color 73.8809, 73.1971,

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

73.8809, 73.1971, 53.9506

Protanopia

69.0340, 73.3654, 55.8699

Deuteranopia

74.4034, 73.4060, 56.7017



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

73.8809, 73.1971, 53.9506

Protanomaly

70.4967, 72.9592, 55.1667

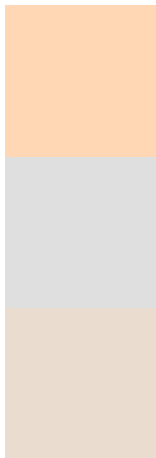
Deuteranomaly

74.1922, 73.3216, 55.5895

Tritanomaly

76.2921, 72.9504, 70.3814

Monochromacy



Original Color

73.8809, 73.1971, 53.9506

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.2393, 73.4026, 70.0879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.8809, 73.1971, 53.9506 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, 215, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 181) }
```

Border

The CSS property to change the border of an element to XYZ 73.8809, 73.1971, 53.9506 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, 215, 181) }
```


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

```
.border{ border-color:rgb(255, 215, 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, 215, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8809, 73.1971, 53.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 181) }
```

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

```
.background{ background-color: rgb(255,  
215, 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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