

Converting Colors

XYZ(191.8514, 135.1503,
57.4586)

Have a look what the booklet for
XYZ(191.8514, 135.1503, 57.4586)
contains.

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Color

**XYZ(74.2472, 74.5771,
52.0765)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAB1
RGB	255, 218, 177
RGB Percent	100%, 85%, 69%
CMY	0.0000, 0.1451, 0.3059
CMYK	0.00, 0.15, 0.31, 0.00
HSL	32°, 100%, 85%
HSV	32°, 31%, 100%
XYZ	74.2472, 74.5771, 52.0765
YIQ	224.3890, 35.2130, -4.9070

Conversions

Conversions Part 2

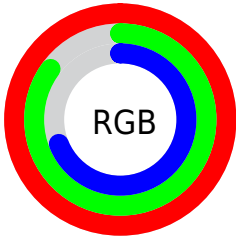
Format	Color
R _Y B	247, 255, 177
Decimal	16767665
CIE Lab	89.19, 7.06, 24.96
CIE LCh	89, 25.942, 74.203
Yxy	74.5771, 0.3696, 0.3712
Android (android.graphics.Color)	4294957745 (0xFFFFDAB1)
YUV	224.3890, -23.3628, 26.8458
Hunter-Lab	86.3580, 2.3406, 24.6970

Details

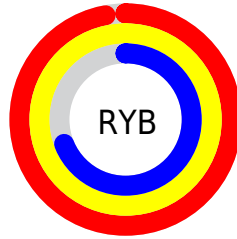
The XYZ color **74.2472, 74.5771, 52.0765** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.2273, 64.6581, 103.9137**, and the grayscale version is **71.2757, 74.9876, 81.6615**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **39.7612, 39.5199, 24.6012** is the 20% darker color. If you saturate the color by 10%, you get **68.9169, 67.6110, 38.9102**, and if you desaturate by 10%, it is **80.2850, 82.1978, 67.8234**.

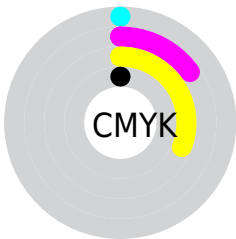
Distribution



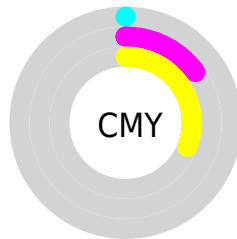
- Red (100%)
- Green (85%)
- Blue (69%)



- Red (97%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2472, 74.5771, 52.0765 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 74.2472, 74.5771, 52.0765 by changing the saturation by 10% instead.


 74.2472, 74.5771,
52.0765

 74.2472, 74.5771,
52.0765

464.3632,
476.4628, 411.6972

 55.2884, 55.2665,
36.6834


 124.2398,
125.7135, 94.6718

 39.8674, 39.6151,
24.6686


156.0043,
158.3082, 122.7110

 27.6189, 27.2386,
15.6135


192.7680,
196.0996, 155.8028

 18.1776, 17.7525,
9.0997

234.8964,
239.4723, 194.3655

 11.1780, 10.7724,
4.7086

282.7548,
288.8105, 238.8177

 6.2549, 5.9140,
2.0216

336.7084,

 3.0428, 2.7929,

344.4988, 289.5781

0.5685

397.1228,
406.9214, 347.0651

■ 1.1764, 1.0246,
0.0000

■ 0.0876, 0.0000,
0.0000

■ 74.2472, 74.5771,
52.0765

■ 74.2472, 74.5771,
52.0765

■ 68.9169, 67.6110,
38.9102

■ 80.2850, 82.1978,
67.8234

■ 64.2572, 61.2688,
28.1786

■ 87.0541, 90.4820,
86.2766

■ 60.2359, 55.5325,
19.7284

■ 94.5834, 99.4513,
107.5591

■ 56.8153, 50.3785,
13.3865

■ 95.0500, 100.0000,
108.9000

■ 53.9526, 45.7812,
8.9546

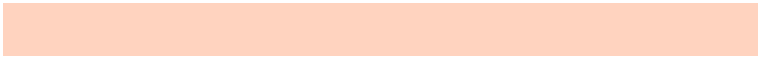
■ 51.5977, 41.7115,
6.1959

■ 49.7729, 38.3258,
4.7743

Harmonies

Analogous

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



79.9678, 74.5771, 59.2504



74.2472, 74.5771, 52.0765



67.9398, 74.5771, 51.8902

Triad

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



74.2472, 74.5771, 52.0765



59.7307, 74.5771, 90.0548



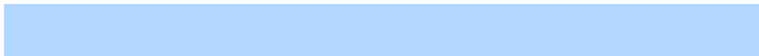
79.7088, 74.5771, 108.8293

Complementary

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



74.2472, 74.5771, 52.0765



60.2273, 64.6581, 103.9137

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.



73.9106, 74.5771, 119.8811



74.2472, 74.5771, 52.0765



62.5143, 74.5771, 107.9985

Square

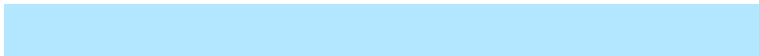
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2472, 74.5771, 52.0765



59.8089, 74.5771, 72.0809



67.6226, 74.5771, 119.5562



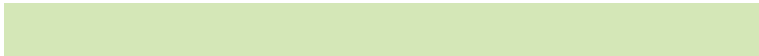
83.2467, 74.5771, 91.0614

Rectangle

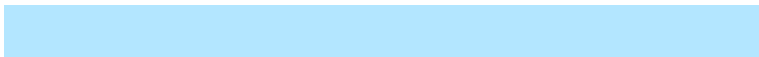
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2472, 74.5771, 52.0765



64.2617, 74.5771, 55.6586



67.6226, 74.5771, 119.5562



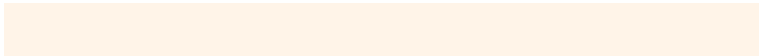
77.9448, 74.5771, 113.5630

Sweetspot

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



74.2490, 74.5805, 52.0780



88.1979, 91.8597, 89.4633



69.1898, 57.5959, 71.5591



18.6534, 19.3914, 18.5231



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.



74.2490, 74.5805, 52.0780



70.7508, 70.0380, 43.3463



84.4593, 95.7087, 55.6180



18.7997, 19.5676, 18.9304



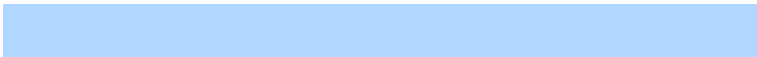
26.1582, 20.3275, 2.5449



2.6564, 2.1981, 0.2843

Inverse Universe

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



60.2273, 64.6581, 103.9137



54.6044, 58.6146, 103.0435



52.2019, 48.1657, 101.1533



17.7136, 18.7988, 22.9449



13.1477, 11.2049, 50.9044



1.3886, 1.3079, 4.9925

Previews

White Background



This preview shows how the XYZ color 74.2472, 74.5771, 52.0765 looks on a white background.

Color Contrast Check

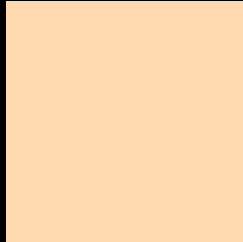
Large Text (above 18pt) WCAG AA × Fail

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 74.2472, 74.5771, 52.0765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

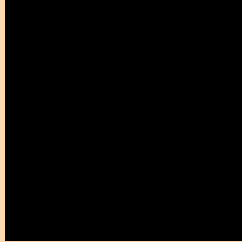
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2472, 74.5771, 52.0765

Background



This preview shows how black text looks on a background with the XYZ color 74.2472, 74.5771, 52.0765.



This preview shows how white text looks on a background with the XYZ color 74.2472, 74.5771,

52.0765.

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

74.2472, 74.5771, 52.0765

Protanopia

70.1538, 74.7837, 53.9172

Deuteranopia

75.1300, 74.5165, 58.0003



Tritanopia

78.8994, 74.3946, 82.8742

Trichromacy



Original Color

74.2472, 74.5771, 52.0765

Protanomaly

71.5662, 74.7303, 53.3003

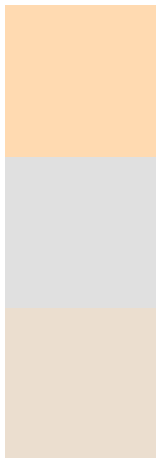
Deuteranomaly

74.7046, 74.3464, 55.7603

Tritanomaly

77.0491, 74.4643, 70.6337

Monochromacy



Original Color

74.2472, 74.5771, 52.0765

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6447, 74.4097, 69.6179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2472, 74.5771, 52.0765 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, 218, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 177)  
}
```

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, 218, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 177) }
```

Border

The CSS property to change the border of an element to XYZ 74.2472, 74.5771, 52.0765 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, 218, 177) }
```


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

```
.border{ border-color:rgb(255, 218, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 218, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2472, 74.5771, 52.0765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 177) }
```

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

```
.background{ background-color: rgb(255,  
218, 177) }
```

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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