

Converting Colors

XYZ(73.3810, 72.0924, 54.1069)

Have a look what the booklet for
XYZ(73.3810, 72.0924, 54.1069)
contains.

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Color

**XYZ(73.4777, 72.2259,
54.3243)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5B6
RGB	255, 213, 182
RGB Percent	100%, 84%, 71%
CMY	0.0000, 0.1647, 0.2863
CMYK	0.00, 0.16, 0.29, 0.00
HSL	25°, 100%, 86%
HSV	25°, 29%, 100%
XYZ	73.4777, 72.2259, 54.3243
YIQ	222.0240, 34.9830, -0.7370

Conversions

Conversions Part 2

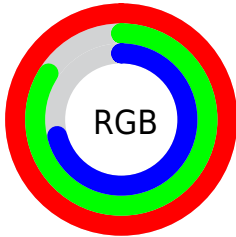
Format	Color
R _Y B	255, 236, 182
Decimal	16766390
CIE Lab	88.08, 10.28, 20.82
CIE LCh	88, 23.218, 63.715
Yxy	72.2259, 0.3673, 0.3611
Android (android.graphics.Color)	4294956470 (0xFFFFD5B6)
YUV	222.0240, -19.7318, 28.9200
Hunter-Lab	84.9858, 5.6037, 21.5910

Details

The XYZ color **73.4777, 72.2259, 54.3243** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.9962, 70.4741, 104.8376**, and the grayscale version is **69.5673, 73.1902, 79.7042**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **39.2153, 37.9090, 26.0192** is the 20% darker color. If you saturate the color by 10%, you get **67.5546, 64.2198, 40.5109**, and if you desaturate by 10%, it is **80.2182, 81.0982, 70.7792**.

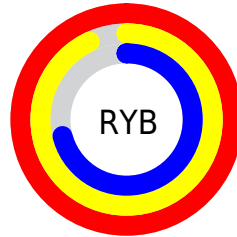
Distribution



Red (100%)

Green (84%)

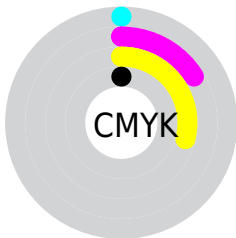
Blue (71%)



Red (100%)

Yellow (93%)

Blue (71%)

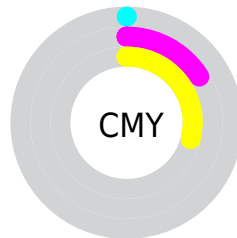


Cyan (0%)

Magenta (16%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4777, 72.2259, 54.3243 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 73.4777, 72.2259, 54.3243 by changing the saturation by 10% instead.


 73.4777, 72.2259,
54.3243

 73.4777, 72.2259,
54.3243


461.7470,
468.3275, 420.5550

 54.6564, 53.3432,
38.4661


 123.1546,
122.3776, 98.0114

 39.3595, 38.0768,
26.0400


154.7410,
154.4155, 126.6774

 27.2215, 26.0423,
16.6275


191.3130,
191.6072, 160.4497

 17.8771, 16.8553,
9.8101


233.2362,
234.3372, 199.7469

 10.9609, 10.1314,
5.1693

280.8759,
282.9898, 244.9874

 6.1077, 5.4862,
2.2865

334.5973,

 2.9519, 2.5352,

337.9495, 296.5900

0.7236

394.7659,
399.6006, 354.9730

■ 1.1284, 0.8942,
0.0000

■ 0.0487, 0.0000,
0.0000

■ 73.4777, 72.2259,
54.3243

■ 73.4777, 72.2259,
54.3243

■ 67.5546, 64.2198,
40.5109

■ 80.2182, 81.0982,
70.7792

■ 62.4084, 57.0418,
29.1943

■ 87.8032, 90.8532,
90.0008

■ 58.0033, 50.6656,
20.2226

95.0500, 100.0000,
108.9000

■ 54.2980, 45.0592,
13.4252

■ 51.2461, 40.1880,
8.6082

■ 48.7942, 36.0135,
5.5421

■ 46.8698, 32.4889,
3.9012

■ 46.6350, 32.0499,
3.7283

Harmonies

Analogous

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



77.9019, 72.2259, 62.8856



73.4777, 72.2259, 54.3243



67.9602, 72.2259, 51.9436

Triad

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



73.4777, 72.2259, 54.3243



58.5520, 72.2259, 80.6362



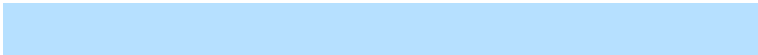
74.7365, 72.2259, 106.8646

Complementary

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



73.4777, 72.2259, 54.3243



63.9962, 70.4741, 104.8376

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.



69.3415, 72.2259, 113.2062



73.4777, 72.2259, 54.3243



60.1586, 72.2259, 96.8317

Square

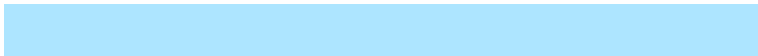
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4777, 72.2259, 54.3243



59.5284, 72.2259, 65.8834



64.0358, 72.2259, 109.3095



78.6556, 72.2259, 92.9492

Rectangle

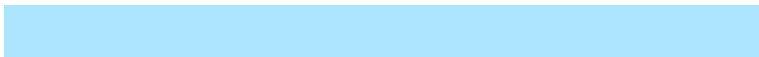
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4777, 72.2259, 54.3243



64.4503, 72.2259, 53.8734



64.0358, 72.2259, 109.3095



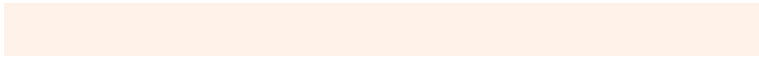
73.0253, 72.2259, 110.0318

Sweetspot

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



73.4796, 72.2292, 54.3258



87.5045, 90.4729, 89.2322



71.5022, 60.1302, 78.7748



18.4829, 19.0502, 18.4663



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.



73.4796, 72.2292, 54.3258



70.1969, 67.8205, 46.5834



83.5337, 92.3374, 57.6772



18.6436, 19.2553, 18.8784



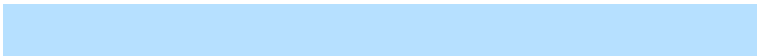
24.5083, 17.0279, 1.9950



2.4918, 1.8690, 0.2294

Inverse Universe

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



63.9962, 70.4741, 104.8376



59.3794, 65.8118, 104.1811



55.3432, 53.1681, 101.9533



17.8708, 19.1132, 22.9973



15.0096, 14.9288, 51.5250



1.5698, 1.6702, 5.0529

Previews

White Background



This preview shows how the XYZ color 73.4777, 72.2259, 54.3243 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 73.4777, 72.2259, 54.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

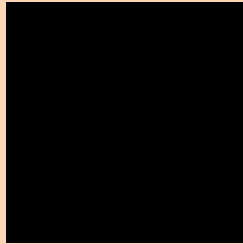
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4777, 72.2259, 54.3243

Background



This preview shows how black text looks on a background with the XYZ color 73.4777, 72.2259, 54.3243.



This preview shows how white text looks on a background with the XYZ color 73.4777, 72.2259,

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

73.4777, 72.2259, 54.3243

Protanopia

68.3237, 72.5817, 56.8630

Deuteranopia

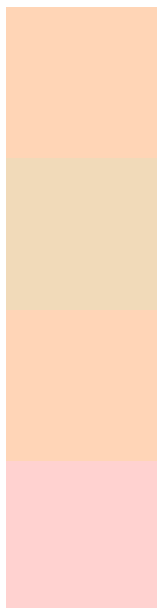
73.6860, 72.3092, 55.4208



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

73.4777, 72.2259, 54.3243

Protanomaly

70.1040, 72.3464, 56.1683

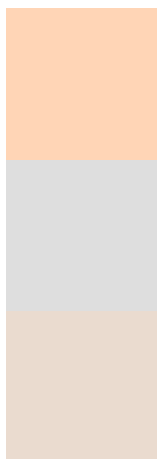
Deuteranomaly

73.5815, 72.2674, 54.8706

Tritanomaly

75.6718, 71.9073, 69.5657

Monochromacy



Original Color

73.4777, 72.2259, 54.3243

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.5257, 72.6605, 69.3393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4777, 72.2259, 54.3243 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, 213, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 182)  
}
```

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, 213, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 182) }
```

Border

The CSS property to change the border of an element to XYZ 73.4777, 72.2259, 54.3243 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, 213, 182) }
```


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

```
.border{ border-color:rgb(255, 213, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4777, 72.2259, 54.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 182) }
```

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

```
.background{ background-color: rgb(255,  
213, 182) }
```

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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