

Converting Colors

XYZ(85.0125, 78.5192, 52.1111)

Have a look what the booklet for
XYZ(85.0125, 78.5192, 52.1111)
contains.

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Color

**XYZ(73.2224, 72.5275,
51.7349)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6B1
RGB	255, 214, 177
RGB Percent	100%, 84%, 69%
CMY	0.0000, 0.1608, 0.3059
CMYK	0.00, 0.16, 0.31, 0.00
HSL	28°, 100%, 85%
HSV	28°, 31%, 100%
XYZ	73.2224, 72.5275, 51.7349
YIQ	222.0410, 36.3130, -2.8150

Conversions

Conversions Part 2

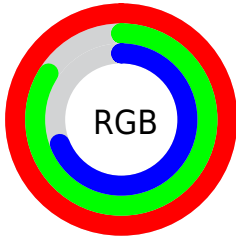
Format	Color
R _Y B	255, 247, 177
Decimal	16766641
CIE Lab	88.22, 9.13, 23.63
CIE LCh	88, 25.329, 68.881
Yxy	72.5275, 0.3708, 0.3673
Android (android.graphics.Color)	4294956721 (0xFFFFD6B1)
YUV	222.0410, -22.2052, 28.9050
Hunter-Lab	85.1631, 4.4372, 23.5966

Details

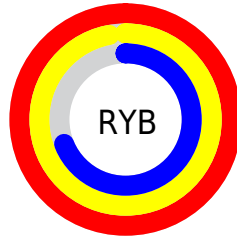
The XYZ color **73.2224, 72.5275, 51.7349** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.2520, 66.7077, 104.2553**, and the grayscale version is **69.5956, 73.2200, 79.7366**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **39.0622, 38.1218, 24.3682** is the 20% darker color. If you saturate the color by 10%, you get **67.6613, 65.0998, 38.4916**, and if you desaturate by 10%, it is **79.5411, 80.7100, 67.5754**.

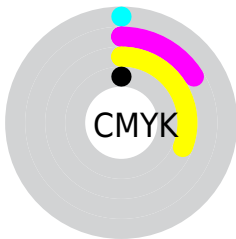
Distribution



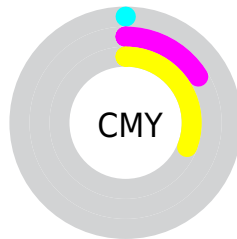
- Red (100%)
- Green (84%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.2224, 72.5275, 51.7349 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 73.2224, 72.5275, 51.7349 by changing the saturation by 10% instead.


 73.2224, 72.5275,
51.7349

 73.2224, 72.5275,
51.7349


460.8771,
469.3756, 410.3401

 54.4469, 53.5897,
36.4130


 122.7943,
122.8062, 94.1628

 39.1911, 38.2737,
24.4611


154.3214,
154.9159, 122.1058

 27.0898, 26.1952,
15.4607


190.8297,
192.1850, 155.0930

 17.7776, 16.9697,
8.9931

232.6846,
234.9979, 193.5429

 10.8892, 10.2129,
4.6400

280.2514,
283.7390, 237.8740

 6.0591, 5.5404,
1.9826

333.8956,

 2.9221, 2.5677,

338.7927, 288.5049

0.5445

393.9823,
400.5435, 345.8541

■ 1.1127, 0.9104,
0.0000

■ 0.0357, 0.0000,
0.0000

■ 73.2224, 72.5275,
51.7349

■ 73.2224, 72.5275,
51.7349

■ 67.6613, 65.0998,
38.4916

■ 79.5411, 80.7100,
67.5754

■ 62.8193, 58.3930,
27.6993

■ 86.6431, 89.6600,
86.1396

■ 58.6621, 52.3849,
19.2038

■ 94.5590, 99.4025,
107.5509

■ 55.1500, 47.0480,
12.8314

■ 95.0500, 100.0000,
108.9000

■ 52.2382, 42.3523,
8.3831

■ 49.8740, 38.2642,
5.6213

■ 48.0749, 34.9298,
4.2083

Harmonies

Analogous

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



78.4165, 72.5275, 59.8079



73.2224, 72.5275, 51.7349



67.1506, 72.5275, 50.3575

Triad

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



73.2224, 72.5275, 51.7349



58.0444, 72.5275, 84.2390



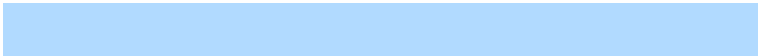
76.5168, 72.5275, 107.9230

Complementary

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



73.2224, 72.5275, 51.7349



61.2520, 66.7077, 104.2553

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.



70.7512, 72.5275, 116.7730



73.2224, 72.5275, 51.7349



60.2507, 72.5275, 101.8419

Square

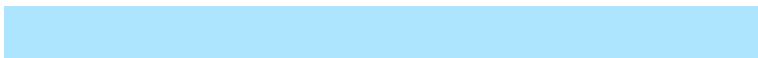
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2224, 72.5275, 51.7349



58.6199, 72.5275, 67.5388



64.8187, 72.5275, 114.3978



80.3947, 72.5275, 91.6236

Rectangle

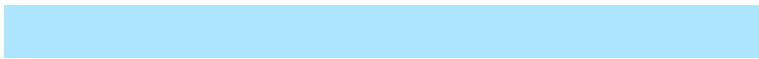
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2224, 72.5275, 51.7349



63.4552, 72.5275, 53.1896



64.8187, 72.5275, 114.3978



74.7220, 72.5275, 111.9690

Sweetspot

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



73.2242, 72.5308, 51.7364



87.8447, 91.1532, 89.3456



69.6962, 57.7984, 74.2254



18.5665, 19.2175, 18.4941



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.



73.2242, 72.5308, 51.7364



69.5723, 67.6811, 42.9535



84.1122, 94.3067, 55.3657



18.7202, 19.4085, 18.9039



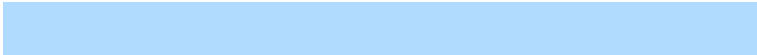
25.2672, 18.5457, 2.2480



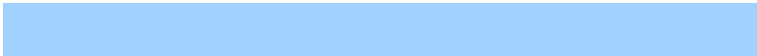
2.5686, 2.0226, 0.2550

Inverse Universe

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



61.2520, 66.7077, 104.2553



55.7828, 60.9713, 103.4363



52.4228, 49.0492, 101.3122



17.7932, 18.9579, 22.9714



14.0383, 12.9861, 51.2013



1.4763, 1.4833, 5.0218

Previews

White Background



This preview shows how the XYZ color 73.2224, 72.5275, 51.7349 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 73.2224, 72.5275, 51.7349 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 73.2224, 72.5275, 51.7349

Background



This preview shows how black text looks on a background with the XYZ color 73.2224, 72.5275, 51.7349.



This preview shows how white text looks on a background with the XYZ color 73.2224, 72.5275,

51.7349.

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

73.2224, 72.5275, 51.7349

Protanopia

68.3556, 72.6704, 53.6041

Deuteranopia

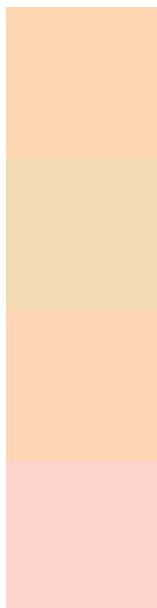
73.7301, 72.7305, 54.4084



Tritanopia

77.6059, 72.6809, 79.7506

Trichromacy



Original Color

73.2224, 72.5275, 51.7349

Protanomaly

69.8260, 72.2747, 52.9180

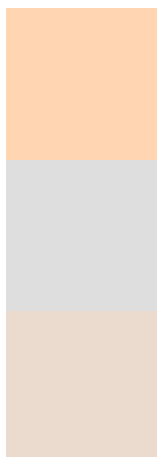
Deuteranomaly

73.5248, 72.6484, 53.3274

Tritanomaly

75.6748, 72.3048, 68.3602

Monochromacy



Original Color

73.2224, 72.5275, 51.7349

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.4038, 72.6117, 68.6973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2224, 72.5275, 51.7349 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, 214, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 177) }
```

Border

The CSS property to change the border of an element to XYZ 73.2224, 72.5275, 51.7349 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, 214, 177) }
```


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

```
.border{ border-color:rgb(255, 214, 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, 214, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2224, 72.5275, 51.7349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 177) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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