

Converting Colors

XYZ(73.4187, 72.2109, 63.9736)

Have a look what the booklet for
XYZ(73.4187, 72.2109, 63.9736)
contains.

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Color

**XYZ(73.4223, 72.3564,
64.1292)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D6C7
RGB	249, 214, 199
RGB Percent	98%, 84%, 78%
CMY	0.0235, 0.1608, 0.2196
CMYK	0.00, 0.14, 0.20, 0.02
HSL	18°, 81%, 88%
HSV	18°, 20%, 98%
XYZ	73.4223, 72.3564, 64.1292
YIQ	222.7550, 25.6750, 2.7550

Conversions

Conversions Part 2

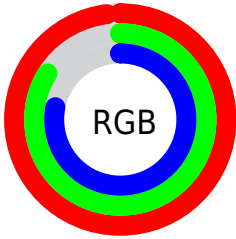
Format	Color
R _Y B	249, 220, 199
Decimal	16373447
CIE Lab	88.14, 9.90, 11.90
CIE LCh	88, 15.481, 50.263
Yxy	72.3564, 0.3498, 0.3447
Android (android.graphics.Color)	4294563527 (0xFFFF9D6C7)
YUV	222.7550, -11.7112, 23.0169
Hunter-Lab	85.0626, 5.2139, 14.8447

Details

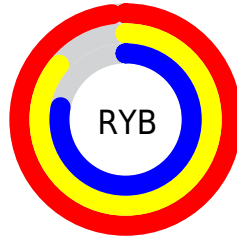
The XYZ color **73.4223, 72.3564, 64.1292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0743, 77.8253, 100.9516**, and the grayscale version is **70.0347, 73.6820, 80.2397**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2472, 38.0471, 32.0633** is the 20% darker color. If you saturate the color by 10%, you get **66.5877, 62.9411, 48.7356**, and if you desaturate by 10%, it is **81.2058, 82.9113, 82.1745**.

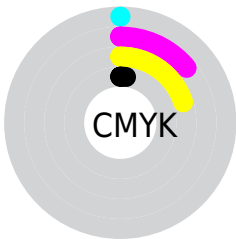
Distribution



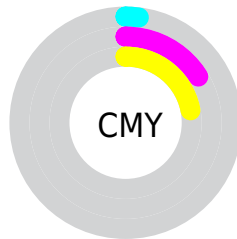
- Red (98%)
- Green (84%)
- Blue (78%)



- Red (98%)
- Yellow (86%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4223, 72.3564, 64.1292 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 73.4223, 72.3564, 64.1292 by changing the saturation by 10% instead.


 73.4223, 72.3564,
64.1292

 73.4223, 72.3564,
64.1292


461.5583,
468.7812, 457.8763

 54.6109, 53.4499,
46.3085


123.0764,
122.5631, 112.3982

 39.3229, 38.1620,
32.1389


154.6499,
154.6321, 143.6836

 27.1929, 26.1085,
21.2019


191.2082,
191.8573, 180.2943

 17.8555, 16.9048,
13.0790

233.1166,
234.6232, 222.6489

 10.9453, 10.1666,
7.3516

280.7404,
283.3141, 271.1658

 6.0971, 5.5096,
3.6012

334.4451,

 2.9454, 2.5492,

338.3145, 326.2637

1.4092

394.5959,
400.0087, 388.3610

■ 1.1250, 0.9012,
0.1489

■ 0.0459, 0.0000,
0.0000

■ 73.4223, 72.3564,
64.1292

■ 73.4223, 72.3564,
64.1292

■ 66.5877, 62.9411,
48.7356

■ 81.2058, 82.9113,
82.1745

■ 60.6584, 54.6169,
35.8632

■ 89.9680, 94.6328,
102.9846

■ 55.5960, 47.3460,
25.3773

■ 92.8772, 98.8799,
108.7983

■ 51.3566, 41.0846,
17.1285

■ 47.8925, 35.7857,
10.9506

■ 45.1500, 31.3982,
6.6535

■ 43.0677, 27.8652,
4.0115

■ 41.5646, 25.1347,
2.6608

Harmonies

Analogous

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



75.6660, 72.3564, 71.9348



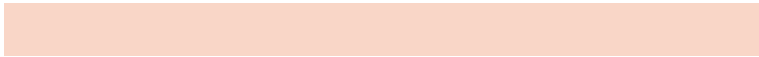
73.4223, 72.3564, 64.1292



69.9830, 72.3564, 60.3575

Triad

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



73.4223, 72.3564, 64.1292



61.9953, 72.3564, 75.3874



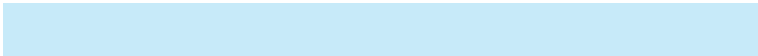
71.2665, 72.3564, 99.4889

Complementary

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



73.4223, 72.3564, 64.1292



70.0743, 77.8253, 100.9516

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.



67.5762, 72.3564, 100.6237



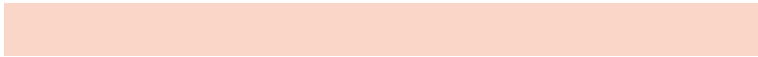
73.4223, 72.3564, 64.1292



62.3111, 72.3564, 86.0543

Square

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



73.4223, 72.3564, 64.1292



63.4447, 72.3564, 66.4615



64.3234, 72.3564, 95.5164



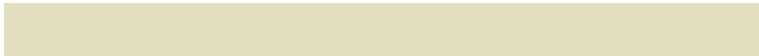
74.3907, 72.3564, 92.5421

Rectangle

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



73.4223, 72.3564, 64.1292



67.5126, 72.3564, 60.3847



64.3234, 72.3564, 95.5164



70.0481, 72.3564, 100.5854

Sweetspot

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



73.4243, 72.3597, 64.1307



89.3621, 92.4104, 95.3317



74.3424, 66.9280, 86.8427



18.9996, 19.6086, 20.1027



0.0000, 0.0000, 0.0000



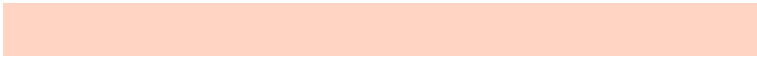
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4243, 72.3597, 64.1307



74.5401, 72.3160, 60.9509



80.2429, 85.9969, 66.4036



17.6692, 18.0743, 18.0198



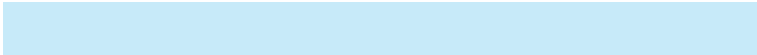
22.3567, 13.6701, 1.4603



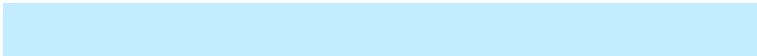
2.1591, 1.4430, 0.1647

Inverse Universe

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



70.0743, 77.8253, 100.9516



70.4252, 79.0196, 106.1482



63.4534, 64.5835, 98.7446



17.3004, 18.6775, 22.0786



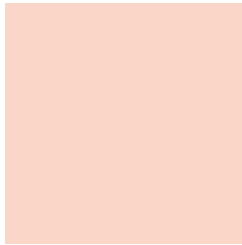
17.4138, 20.1831, 50.9515



1.7056, 2.0548, 4.7499

Previews

White Background



This preview shows how the XYZ color 73.4223, 72.3564, 64.1292 looks on a white background.

Color Contrast Check

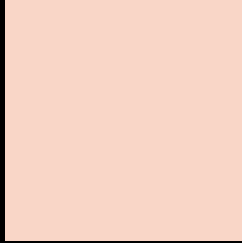
Large Text (above 18pt) WCAG AA × Fail

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 73.4223, 72.3564, 64.1292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

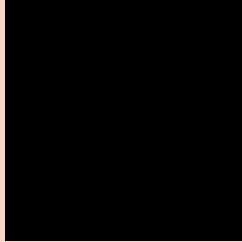
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4223, 72.3564, 64.1292

Background



This preview shows how black text looks on a background with the XYZ color 73.4223, 72.3564, 64.1292.



This preview shows how white text looks on a background with the XYZ color 73.4223, 72.3564,

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

73.4223, 72.3564, 64.1292

Protanopia

69.1502, 72.8002, 66.2843

Deuteranopia

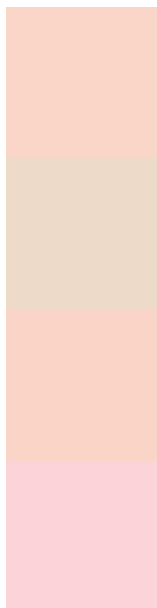
73.8867, 72.2213, 64.0787



Tritanopia

76.9189, 72.2796, 81.8488

Trichromacy



Original Color

73.4223, 72.3564, 64.1292

Protanomaly

70.5391, 72.3644, 65.5083

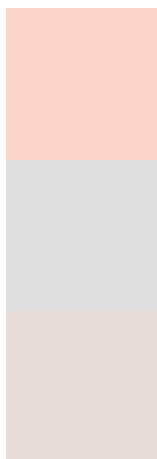
Deuteranomaly

73.5274, 72.0360, 64.0619

Tritanomaly

75.4726, 72.0556, 74.8960

Monochromacy



Original Color

73.4223, 72.3564, 64.1292

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.0095, 73.1972, 74.0042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4223, 72.3564, 64.1292 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(249, 214, 199)` looks like.

```
.text, #text, p{  
    color:rgb(249, 214, 199)  
}
```

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(249, 214, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 214, 199) }
```

Border

The CSS property to change the border of an element to XYZ 73.4223, 72.3564, 64.1292 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(249, 214, 199) }
```


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

```
.border{ border-color:rgb(249, 214, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 214, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 214, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 214, 199);  
box-shadow:4px 4px 4px 4px rgb(249, 214,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4223, 72.3564, 64.1292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 214, 199) }
```

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

```
.background{ background-color: rgb(249,  
214, 199) }
```

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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