

Converting Colors

XYZ(64.3396, 64.7153, 73.7233)

Have a look what the booklet for
XYZ(64.3396, 64.7153, 73.7233)
contains.

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Color

**XYZ(64.3974, 64.9041,
73.4236)**

Conversions

Conversions Part 1

Format	Color
Hex	D D C F D 7
RGB	221, 207, 215
RGB Percent	87%, 81%, 84%
CMY	0.1333, 0.1882, 0.1569
CMYK	0.00, 0.06, 0.03, 0.13
HSL	326°, 17%, 84%
HSV	326°, 6%, 87%
XYZ	64.3974, 64.9041, 73.4236
YIQ	212.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

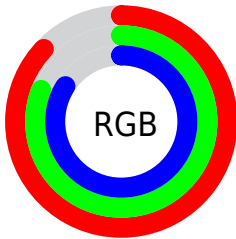
Format	Color
R _Y B	221, 207, 215
Decimal	14536663
CIE Lab	84.43, 6.24, -2.22
CIE LCh	84, 6.627, 340.421
Yxy	64.9041, 0.3177, 0.3202
Android (android.graphics.Color)	4292726743 (0xFFDDCFD7)
YUV	212.0980, 1.4307, 7.8071
Hunter-Lab	80.5631, 1.6970, 2.3584

Details

The XYZ color **64.3974, 64.9041, 73.4236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6013, 69.7842, 73.0719**, and the grayscale version is **62.6341, 65.8960, 71.7607**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4623, 33.4275, 37.9462** is the 20% darker color. If you saturate the color by 10%, you get **58.2316, 54.4639, 65.5353**, and if you desaturate by 10%, it is **71.3869, 76.8770, 81.9359**.

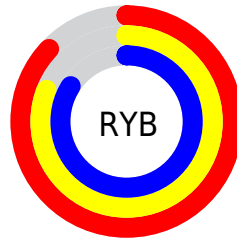
Distribution



Red (87%)

Green (81%)

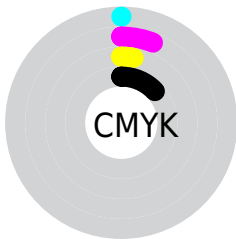
Blue (84%)



Red (87%)

Yellow (81%)

Blue (84%)

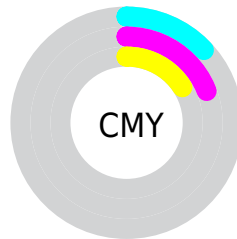


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3974, 64.9041, 73.4236 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 64.3974, 64.9041, 73.4236 by changing the saturation by 10% instead.

64.3974, 64.9041,
73.4236

64.3974, 64.9041,
73.4236

430.2028,
442.4473, 491.5917

47.2355, 47.3833,
53.8285

110.2536,
111.9120, 125.8049

33.4306, 33.3388,
38.0723

139.6786,
142.1679, 159.4281

22.6173, 22.3861,
25.7365

173.9220,
177.4376, 198.5644

14.4303, 14.1409,
16.4027

213.3492,
218.1055, 243.6324

8.5043, 8.2187,
9.6521

258.3256,
264.5560, 295.0506

4.4738, 4.2352,
5.0663

309.2164,

1.9735, 1.8060,

317.1736, 353.2375

2.2268

366.3870,
376.3425, 418.6117

■ 0.6190, 0.4909,
0.6898

■ 0.0000, 0.0000,
0.0000

■ 64.3974, 64.9041,
73.4236

■ 64.3974, 64.9041,
73.4236

■ 58.2316, 54.4639,
65.5353

■ 71.3869, 76.8770,
81.9359

■ 52.8517, 45.4855,
58.2502

■ 79.2247, 90.4328,
91.0837

■ 48.2253, 37.9050,
51.5524

■ 81.8210, 93.3891,
98.8435

■ 44.3154, 31.6506,
45.4233

■ 83.2926, 93.9777,
106.5929

■ 41.0818, 26.6439,
39.8432

■ 83.6293, 94.1124,
108.3655

■ 38.4802, 22.7981,
34.7908

■ 36.4603, 20.0154,
30.2427

■ 34.9641, 18.1815,
26.1725

■ 33.9186, 17.1529,
22.5488

Harmonies

Analogous

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



63.5447, 64.9041, 77.0284



64.3974, 64.9041, 73.4236



64.5180, 64.9041, 69.2121

Triad

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



64.3974, 64.9041, 73.4236



61.1784, 64.9041, 62.9861



59.5576, 64.9041, 76.0622

Complementary

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



64.3974, 64.9041, 73.4236



63.6013, 69.7842, 73.0719

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.



58.9447, 64.9041, 72.1473



64.3974, 64.9041, 73.4236



59.8706, 64.9041, 64.6706

Square

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



64.3974, 64.9041, 73.4236



62.6437, 64.9041, 63.2972



59.0584, 64.9041, 67.9852



60.7448, 64.9041, 78.5932

Rectangle

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



64.3974, 64.9041, 73.4236



64.1649, 64.9041, 66.6402



59.0584, 64.9041, 67.9852



59.2784, 64.9041, 74.8581

Sweetspot

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



64.3993, 64.9069, 73.4250



93.0945, 96.6491, 106.5215



62.7587, 63.9705, 77.4475



19.9466, 20.7220, 22.8250



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.



64.3993, 64.9069, 73.4250



87.5076, 87.1173, 99.5971



63.5396, 64.5631, 68.8982



13.3662, 13.1756, 15.1896



19.5774, 9.8320, 12.6866



1.3112, 0.6541, 1.0476

Inverse Universe

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



64.3993, 64.9069, 73.4250



87.5076, 87.1173, 99.5971



64.4869, 70.1384, 77.7350



13.3662, 13.1756, 15.1896



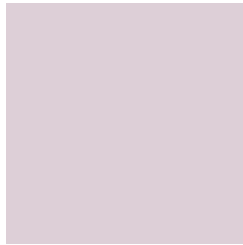
19.5774, 9.8320, 12.6866



1.3112, 0.6541, 1.0476

Previews

White Background



This preview shows how the XYZ color 64.3974, 64.9041, 73.4236 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 64.3974, 64.9041, 73.4236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

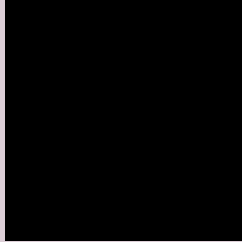
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

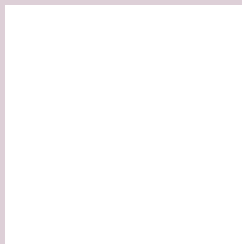
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3974, 64.9041, 73.4236

Background



This preview shows how black text looks on a background with the XYZ color 64.3974, 64.9041, 73.4236.

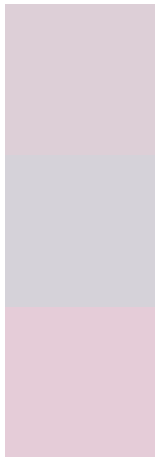


This preview shows how white text looks on a background with the XYZ color 64.3974, 64.9041,

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

64.3974, 64.9041, 73.4236

Protanopia

63.0116, 65.2491, 74.9189

Deuteranopia

66.3006, 64.8016, 73.9793



Tritanopia

65.3803, 64.9461, 78.1972

Trichromacy



Original Color

64.3974, 64.9041, 73.4236

Protanomaly

63.5140, 65.1577, 74.1949

Deuteranomaly

65.5900, 64.7893, 74.0144

Tritanomaly

64.9817, 64.7867, 76.0980

Monochromacy



Original Color

64.3974, 64.9041, 73.4236

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.0812, 65.3444, 72.2388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3974, 64.9041, 73.4236 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(221, 207, 215)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 215)  
}
```

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(221, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.3974, 64.9041, 73.4236 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(221, 207, 215) }
```


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

```
.border{ border-color:rgb(221, 207, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3974, 64.9041, 73.4236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 215) }
```

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

```
.background{ background-color: rgb(221,  
207, 215) }
```

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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