

Converting Colors

XYZ(64.4780, 63.0857, 74.6899)

Have a look what the booklet for
XYZ(64.4780, 63.0857, 74.6899)
contains.

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Color

**XYZ(64.3854, 63.0981,
74.4313)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CAD9
RGB	224, 202, 217
RGB Percent	88%, 79%, 85%
CMY	0.1216, 0.2078, 0.1490
CMYK	0.00, 0.10, 0.03, 0.12
HSL	319°, 26%, 84%
HSV	319°, 10%, 88%
XYZ	64.3854, 63.0981, 74.4313
YIQ	210.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

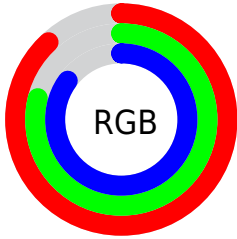
Format	Color
R _Y B	224, 202, 217
Decimal	14731993
CIE Lab	83.49, 10.27, -4.64
CIE LCh	83, 11.270, 335.682
Yxy	63.0981, 0.3189, 0.3125
Android (android.graphics.Color)	4292922073 (0xFFE0CAD9)
YUV	210.2880, 3.3090, 12.0254
Hunter-Lab	79.4343, 5.6729, 0.0483

Details

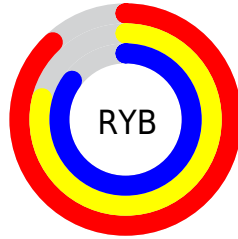
The XYZ color **64.3854, 63.0981, 74.4313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5238, 70.4731, 70.6323**, and the grayscale version is **61.4244, 64.6232, 70.3747**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4737, 32.2235, 38.6379** is the 20% darker color. If you saturate the color by 10%, you get **58.5995, 52.9776, 68.0268**, and if you desaturate by 10%, it is **70.9778, 74.7659, 81.3038**.

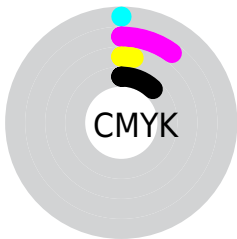
Distribution



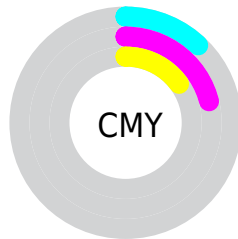
- Red (88%)
- Green (79%)
- Blue (85%)



- Red (88%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3854, 63.0981, 74.4313 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 64.3854, 63.0981, 74.4313 by changing the saturation by 10% instead.

64.3854, 63.0981,
74.4313

64.3854, 63.0981,
74.4313

430.1603,
435.9254, 495.1638

47.2257, 45.9206,
54.6482

110.2364,
109.3110, 127.2467

33.4228, 32.1832,
38.7234

139.6585,
139.1152, 161.1161

22.6113, 21.5014,
26.2385

173.8988,
173.8971, 200.5179

14.4259, 13.4910,
16.7748

213.3226,
214.0410, 245.8709

8.5012, 7.7675,
9.9138

258.2953,
259.9314, 297.5934

4.4718, 3.9466,
5.2370

309.1822,

1.9723, 1.6437,

311.9527, 356.1040

2.3258

366.3488,
370.4892, 421.8213

■ 0.6183, 0.3868,
0.7456

■ 0.0000, 0.0000,
0.0000

■ 64.3854, 63.0981,
74.4313

■ 64.3854, 63.0981,
74.4313

■ 58.5995, 52.9776,
68.0268

■ 70.9778, 74.7659,
81.3038

■ 53.5816, 44.3305,
62.0727

■ 78.4026, 88.0343,
88.6530

■ 49.2977, 37.0891,
56.5560

■ 81.9905, 93.5634,
94.9257

■ 45.7095, 31.1772,
51.4612

■ 83.0612, 93.9916,
100.5641

■ 42.7748, 26.5115,
46.7718

■ 84.1739, 94.4367,
106.4235

■ 40.4466, 22.9990,
42.4693

■ 84.5509, 94.5875,
108.4087

■ 38.6715, 20.5337,
38.5333

■ 37.3862, 18.9897,
34.9399

■ 36.4822, 18.1510,
31.6500

Harmonies

Analogous

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



62.7732, 63.0981, 80.2991



64.3854, 63.0981, 74.4313



64.8018, 63.0981, 67.3711

Triad

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



64.3854, 63.0981, 74.4313



59.5059, 63.0981, 56.0906



56.2138, 63.0981, 76.9078

Complementary

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



64.3854, 63.0981, 74.4313



62.5238, 70.4731, 70.6323

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.



55.3900, 63.0981, 70.0526



64.3854, 63.0981, 74.4313



57.2571, 63.0981, 58.2810

Square

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



64.3854, 63.0981, 74.4313



61.9410, 63.0981, 57.0877



55.7667, 63.0981, 63.2766



58.0469, 63.0981, 81.7959

Rectangle

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



64.3854, 63.0981, 74.4313



64.3355, 63.0981, 63.0003



55.7667, 63.0981, 63.2766



55.8120, 63.0981, 74.7401

Sweetspot

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



64.3872, 63.1008, 74.4327



92.2684, 95.0600, 106.0513



60.8627, 61.1764, 79.1224



19.5938, 20.0712, 22.5385



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.



64.3872, 63.1008, 74.4327



84.5247, 81.3952, 97.8518



63.0078, 62.5491, 67.1689



14.0997, 13.8575, 16.2952



21.2807, 10.5793, 18.6756



1.5152, 0.7494, 1.5059

Inverse Universe

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



64.3872, 63.1008, 74.4327



84.5247, 81.3952, 97.8518



63.9287, 71.0350, 78.0302



14.0997, 13.8575, 16.2952



21.2807, 10.5793, 18.6756



1.5152, 0.7494, 1.5059

Previews

White Background



This preview shows how the XYZ color 64.3854, 63.0981, 74.4313 looks on a white background.

Color Contrast Check

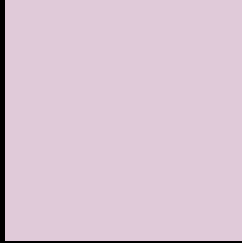
Large Text (above 18pt) WCAG AA × Fail

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 64.3854, 63.0981, 74.4313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

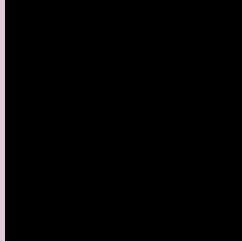
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3854, 63.0981, 74.4313

Background



This preview shows how black text looks on a background with the XYZ color 64.3854, 63.0981, 74.4313.

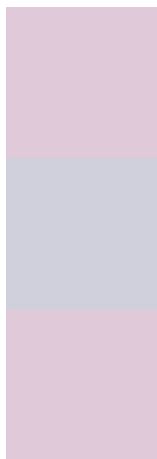


This preview shows how white text looks on a background with the XYZ color 64.3854, 63.0981,

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

64.3854, 63.0981, 74.4313

Protanopia

61.2435, 63.2029, 76.6816

Deuteranopia

64.3854, 63.0981, 74.4313



Tritanopia

64.5159, 63.1503, 75.1185

Trichromacy



Original Color

64.3854, 63.0981, 74.4313

Protanomaly

62.3491, 63.0733, 75.9060

Deuteranomaly

64.3854, 63.0981, 74.4313

Tritanomaly

64.5159, 63.1503, 75.1185

Monochromacy



Original Color

64.3854, 63.0981, 74.4313

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.3474, 63.8768, 71.9942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3854, 63.0981, 74.4313 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(224, 202, 217) looks like.

```
.text, #text, p{  
    color:rgb(224, 202, 217)  
}
```

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(224, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 202, 217) }
```

Border

The CSS property to change the border of an element to XYZ 64.3854, 63.0981, 74.4313 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(224, 202, 217) }
```


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

```
.border{ border-color:rgb(224, 202, 217) }
```

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

Here you see how a box with a 4 pixel rgb(224, 202, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 202,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3854, 63.0981, 74.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 202, 217) }
```

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

```
.background{ background-color: rgb(224,  
202, 217) }
```

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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