

Converting Colors

XYZ(64.5011, 63.8005, 79.3342)

Have a look what the booklet for
XYZ(64.5011, 63.8005, 79.3342)
contains.

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Color

**XYZ(64.5626, 63.7832,
79.4296)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCCE0
RGB	220, 204, 224
RGB Percent	86%, 80%, 88%
CMY	0.1372, 0.2000, 0.1216
CMYK	0.02, 0.09, 0.00, 0.12
HSL	288°, 24%, 84%
HSV	288°, 9%, 88%
XYZ	64.5626, 63.7832, 79.4296
YIQ	211.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

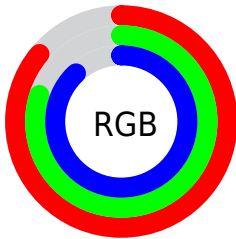
Format	Color
R _{YB}	220, 204, 224
Decimal	14470368
CIE Lab	83.85, 9.13, -7.88
CIE LCh	84, 12.058, 319.187
Yxy	63.7832, 0.3107, 0.3070
Android (android.graphics.Color)	4292660448 (0xFFDCCCE0)
YUV	211.0640, 6.3774, 7.8369
Hunter-Lab	79.8644, 4.5372, -3.0622

Details

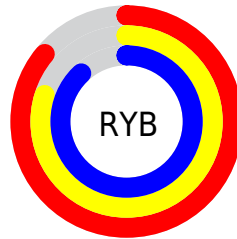
The XYZ color **64.5626, 63.7832, 79.4296** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5696, 71.0826, 67.4998**, and the grayscale version is **61.9185, 65.1431, 70.9408**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5848, 32.6766, 42.0732** is the 20% darker color. If you saturate the color by 10%, you get **58.2794, 53.2023, 77.7194**, and if you desaturate by 10%, it is **71.6516, 75.9197, 81.3995**.

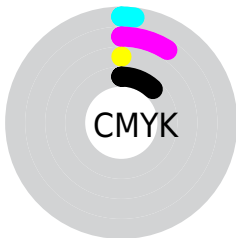
Distribution



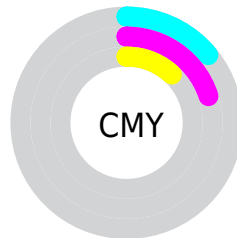
- Red (86%)
- Green (80%)
- Blue (88%)



- Red (86%)
- Yellow (80%)
- Blue (88%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5626, 63.7832, 79.4296 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 64.5626, 63.7832, 79.4296 by changing the saturation by 10% instead.

64.5626, 63.7832,
79.4296

64.5626, 63.7832,
79.4296

430.7886,
438.4063, 512.6644

47.3699, 46.4751,
58.7257

110.4900,
110.2986, 134.3676

33.5373, 32.6209,
41.9738

139.9554,
140.2748, 169.4388

22.6996, 21.8362,
28.7553

174.2423,
175.2424, 210.1362

14.4913, 13.7366,
18.6518

213.7163,
215.5859, 256.8782

8.5471, 7.9377,
11.2447

258.7425,
261.6896, 310.0836

4.5017, 4.0551,
6.1154

309.6864,

1.9897, 1.7044,

313.9380, 370.1707

2.8455

366.9133,
372.7154, 437.5581

■ 0.6282, 0.4265,
1.0163

■ 0.0000, 0.0000,
0.0000

■ 64.5626, 63.7832,
79.4296

■ 64.5626, 63.7832,
79.4296

■ 58.2794, 53.2023,
77.7194

■ 71.6516, 75.9197,
81.3995

■ 52.7635, 44.1035,
76.2539

■ 79.5716, 89.6650,
83.6352

■ 47.9818, 36.4197,
75.0228

■ 82.9641, 94.3003,
84.3511

■ 43.8961, 30.0755,
74.0136

■ 84.4493, 95.0660,
84.4206

40.4650, 24.9881,
73.2124

85.9720, 95.8509,
84.4919

37.6424, 21.0657,
72.6041

87.5323, 96.6553,
84.5649

35.3755, 18.2036,
72.1711

89.1307, 97.4793,
84.6397

33.6026, 16.2784,
71.8930

90.4547, 98.1619,
84.7016

32.2275, 15.0984,
71.7377

Harmonies

Analogous

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



62.3140, 63.7832, 84.1623



64.5626, 63.7832, 79.4296



65.7677, 63.7832, 72.2227

Triad

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



64.5626, 63.7832, 79.4296



61.5849, 63.7832, 56.0795



55.9381, 63.7832, 74.3560

Complementary

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



64.5626, 63.7832, 79.4296



63.5696, 71.0826, 67.4998

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.



55.7558, 63.7832, 66.7473



64.5626, 63.7832, 79.4296



58.9649, 63.7832, 56.5590

Square

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



64.5626, 63.7832, 79.4296



64.0155, 63.7832, 58.9801



56.8490, 63.7832, 60.3417



57.3545, 63.7832, 81.0888

Rectangle

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



64.5626, 63.7832, 79.4296



65.7942, 63.7832, 67.1453



56.8490, 63.7832, 60.3417



55.7321, 63.7832, 71.8049

Sweetspot

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



64.5645, 63.7859, 79.4310



92.0972, 94.9267, 108.0764



60.9963, 63.4966, 79.5632



19.5473, 20.0351, 23.0868



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.



64.5645, 63.7859, 79.4310



84.7112, 82.3421, 106.0366



65.0339, 64.1152, 75.5081



14.0124, 13.7899, 17.3109



18.7743, 8.7738, 41.7524



1.3704, 0.6438, 2.8973

Inverse Universe

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



63.7208, 63.5900, 68.5934



83.3407, 82.0289, 88.2030



63.1511, 70.7869, 71.0927



13.8188, 13.7451, 14.8158



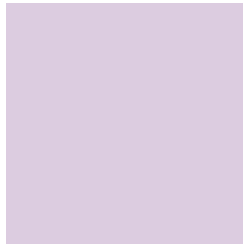
18.1995, 9.3468, 2.4503



1.2934, 0.6606, 0.3376

Previews

White Background



This preview shows how the XYZ color 64.5626, 63.7832, 79.4296 looks on a white background.

Color Contrast Check

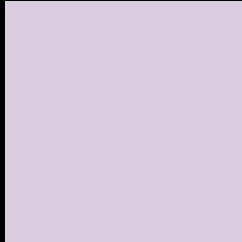
Large Text (above 18pt) WCAG AA × Fail

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 64.5626, 63.7832, 79.4296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

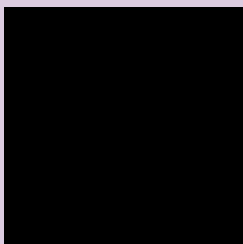
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

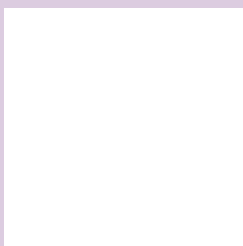
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5626, 63.7832, 79.4296

Background



This preview shows how black text looks on a background with the XYZ color 64.5626, 63.7832, 79.4296.



This preview shows how white text looks on a background with the XYZ color 64.5626, 63.7832,

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

64.5626, 63.7832, 79.4296

Protanopia

62.2958, 64.0126, 81.0238

Deuteranopia

65.2419, 63.7817, 79.3935



Tritanopia

64.0959, 63.9432, 77.3707

Trichromacy



Original Color

64.5626, 63.7832, 79.4296

Protanomaly

63.0548, 64.0589, 80.2754

Deuteranomaly

64.9347, 63.6233, 79.3791

Tritanomaly

64.2296, 63.9966, 78.0746

Monochromacy



Original Color

64.5626, 63.7832, 79.4296

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.6821, 64.3658, 74.0859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5626, 63.7832, 79.4296 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(220, 204, 224)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 224)  
}
```

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(220, 204, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 224) }
```

Border

The CSS property to change the border of an element to XYZ 64.5626, 63.7832, 79.4296 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(220, 204, 224) }
```


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

```
.border{ border-color:rgb(220, 204, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 204, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 204,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5626, 63.7832, 79.4296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 224) }
```

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

```
.background{ background-color: rgb(220,  
204, 224) }
```

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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