

Converting Colors

XYZ(62.7264, 63.1906, 79.4120)

Have a look what the booklet for
XYZ(62.7264, 63.1906, 79.4120)
contains.

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Color

**XYZ(62.7264, 63.1906,
79.4120)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CDE0
RGB	213, 205, 224
RGB Percent	84%, 80%, 88%
CMY	0.1647, 0.1961, 0.1216
CMYK	0.05, 0.08, 0.00, 0.12
HSL	265°, 23%, 84%
HSV	265°, 8%, 88%
XYZ	62.7264, 63.1906, 79.4120
YIQ	209.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

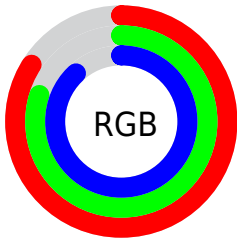
Format	Color
R _{YB}	213, 205, 224
Decimal	14011872
CIE Lab	83.54, 6.26, -8.40
CIE LCh	84, 10.475, 306.669
Yxy	63.1906, 0.3055, 0.3078
Android (android.graphics.Color)	4292201952 (0xFFD5CDE0)
YUV	209.5580, 7.1199, 3.0186
Hunter-Lab	79.4925, 1.7399, -3.5852

Details

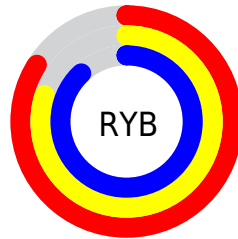
The XYZ color **62.7264, 63.1906, 79.4120** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9964, 72.3198, 68.2415**, and the grayscale version is **60.9260, 64.0989, 69.8037**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3286, 32.2669, 42.0603** is the 20% darker color. If you saturate the color by 10%, you get **54.1344, 51.3697, 77.5841**, and if you desaturate by 10%, it is **72.3901, 76.7062, 81.5124**.

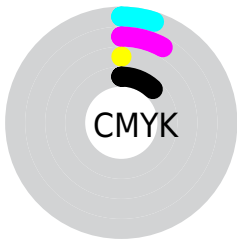
Distribution



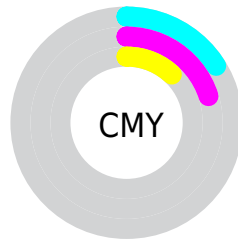
- Red (84%)
- Green (80%)
- Blue (88%)



- Red (84%)
- Yellow (80%)
- Blue (88%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7264, 63.1906, 79.4120 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 62.7264, 63.1906, 79.4120 by changing the saturation by 10% instead.

■ 62.7264, 63.1906,
79.4120

■ 62.7264, 63.1906,
79.4120

424.2513,
436.2609, 512.6034

■ 45.8777, 45.9954,
58.7113

107.8587,
109.4444, 134.3426

■ 32.3536, 32.2422,
41.9623

136.8731,
139.2719, 169.4096

■ 21.7885, 21.5466,
28.7464

170.6734,
174.0789, 210.1025

■ 13.8173, 13.5241,
18.6451

209.6250,
214.2498, 256.8398

■ 8.0746, 7.7904,
11.2399

254.0932,
260.1691, 310.0399

■ 4.1949, 3.9611,
6.1123

304.4434,

■ 1.8130, 1.6518,

312.2211, 370.1216

2.8436

361.0410,
370.7902, 437.5032

■ 0.5255, 0.3922,
1.0153

■ 0.0000, 0.0000,
0.0000

■ 62.7264, 63.1906,
79.4120

■ 62.7264, 63.1906,
79.4120

■ 54.1344, 51.3697,
77.5841

■ 72.3901, 76.7062,
81.5124

■ 46.5692, 41.1669,
76.0135

■ 83.1573, 91.9730,
83.8917

■ 39.9905, 32.5117,
74.6896

■ 89.3285, 97.5813,
84.6490

■ 34.3534, 25.3251,
73.5996

■ 90.4547, 98.1619,
84.7017

■ 29.6088, 19.5210,
72.7294

■ 25.7029, 15.0037,
72.0633

■ 22.5752, 11.6651,
71.5837

■ 20.1553, 9.3781,
71.2698

■ 18.3433, 7.9569,
71.0910

Harmonies

Analogous

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



60.5731, 63.1906, 82.0912



62.7264, 63.1906, 79.4120



64.1914, 63.1906, 73.9149

Triad

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



62.7264, 63.1906, 79.4120



61.8199, 63.1906, 57.8715



55.7965, 63.1906, 70.2774

Complementary

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



62.7264, 63.1906, 79.4120



65.9964, 72.3198, 68.2415

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.



56.1112, 63.1906, 63.9339



62.7264, 63.1906, 79.4120



59.5513, 63.1906, 57.0336

Square

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



62.7264, 63.1906, 79.4120



63.6588, 63.1906, 61.5508



57.4717, 63.1906, 59.1851



56.6009, 63.1906, 76.6053

Rectangle

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



62.7264, 63.1906, 79.4120



64.5604, 63.1906, 69.5384



57.4717, 63.1906, 59.1851



55.7753, 63.1906, 68.0745

Sweetspot

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



62.7283, 63.1933, 79.4134



91.0469, 94.3853, 108.0272



63.2109, 67.5177, 80.2226



19.2636, 19.8888, 23.0736



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.



62.7283, 63.1933, 79.4134



82.2226, 82.1020, 106.1214



65.5398, 64.6427, 79.5450



13.4961, 13.5238, 17.2867



10.6606, 4.5911, 41.3726



0.8394, 0.3700, 2.8724

Inverse Universe

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



64.9687, 64.4707, 73.9890



85.7674, 84.1235, 97.5168



63.2933, 70.9262, 68.1150



14.0383, 13.8330, 15.9720



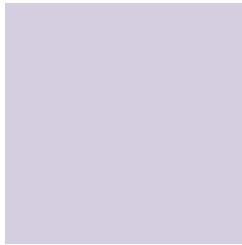
20.2857, 10.1813, 13.4364



1.4505, 0.7235, 1.1653

Previews

White Background



This preview shows how the XYZ color 62.7264, 63.1906, 79.4120 looks on a white background.

Color Contrast Check

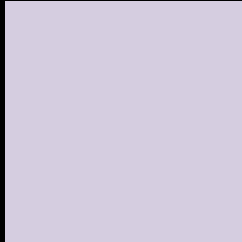
Large Text (above 18pt) WCAG AA × Fail

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 62.7264, 63.1906, 79.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

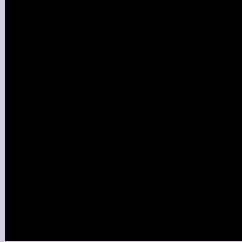
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7264, 63.1906, 79.4120

Background



This preview shows how black text looks on a background with the XYZ color 62.7264, 63.1906, 79.4120.

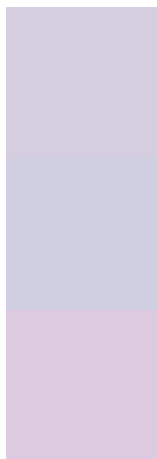


This preview shows how white text looks on a background with the XYZ color 62.7264, 63.1906,

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

62.7264, 63.1906, 79.4120

Protanopia

61.6356, 63.3273, 80.2090

Deuteranopia

64.5299, 63.0495, 80.0028



Tritanopia

62.4567, 63.0827, 77.9916

Trichromacy



Original Color

62.7264, 63.1906, 79.4120

Protanomaly

61.9564, 63.1342, 80.1548

Deuteranomaly

63.8600, 63.0535, 80.0389

Tritanomaly

62.5912, 63.1365, 78.6997

Monochromacy



Original Color

62.7264, 63.1906, 79.4120

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.6856, 63.8669, 73.3663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7264, 63.1906, 79.4120 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(213, 205, 224) looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 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(213, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.7264, 63.1906, 79.4120 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(213, 205, 224) }
```


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

```
.border{ border-color:rgb(213, 205, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7264, 63.1906, 79.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 224) }
```

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

```
.background{ background-color: rgb(213,  
205, 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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