

Converting Colors

XYZ(62.0592, 61.1512, 70.3040)

Have a look what the booklet for
XYZ(62.0592, 61.1512, 70.3040)
contains.

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Color

**XYZ(62.2309, 61.3839,
70.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC8D3
RGB	221, 200, 211
RGB Percent	87%, 78%, 83%
CMY	0.1333, 0.2157, 0.1725
CMYK	0.00, 0.10, 0.05, 0.13
HSL	329°, 24%, 83%
HSV	329°, 10%, 87%
XYZ	62.2309, 61.3839, 70.1964
YIQ	207.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

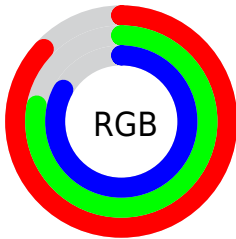
Format	Color
R _Y B	221, 200, 211
Decimal	14534867
CIE Lab	82.58, 9.24, -2.80
CIE LCh	83, 9.651, 343.124
Yxy	61.3839, 0.3211, 0.3167
Android (android.graphics.Color)	4292724947 (0xFFDDC8D3)
YUV	207.5330, 1.7092, 11.8106
Hunter-Lab	78.3479, 4.6719, 1.7222

Details

The XYZ color **62.2309, 61.3839, 70.1964** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3110, 68.6469, 70.9947**, and the grayscale version is **59.6387, 62.7446, 68.3289**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0906, 31.0991, 36.2097** is the 20% darker color. If you saturate the color by 10%, you get **56.2017, 51.3678, 61.8884**, and if you desaturate by 10%, it is **69.0899, 72.9195, 79.2088**.

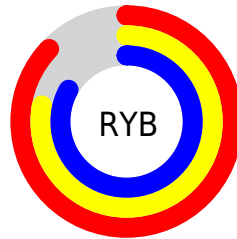
Distribution



Red (87%)

Green (78%)

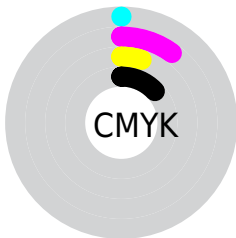
Blue (83%)



Red (87%)

Yellow (78%)

Blue (83%)

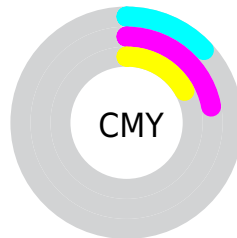


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2309, 61.3839, 70.1964 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 62.2309, 61.3839, 70.1964 by changing the saturation by 10% instead.

62.2309, 61.3839,
70.1964

62.2309, 61.3839,
70.1964

422.4770,
429.6802, 480.0470

45.4756, 44.5351,
51.2089

107.1472,
106.8346, 121.1725

32.0351, 31.0914,
35.9970

136.0390,
136.2052, 153.9982

21.5440, 20.6684,
24.1422

169.7069,
170.5186, 192.2737

13.6369, 12.8819,
15.2260

208.5164,
210.1591, 236.4175

7.9486, 7.3472,
8.8297

252.8328,
255.5111, 286.8482

4.1136, 3.6802,
4.5350

303.0215,

1.7666, 1.4963,

306.9590, 343.9844

1.9232

359.4477,
364.8873, 408.2445

■ 0.4974, 0.2861,
0.5074

■ 0.0000, 0.0000,
0.0000

■ 62.2309, 61.3839,
70.1964

■ 62.2309, 61.3839,
70.1964

■ 56.2017, 51.3678,
61.8884

■ 69.0899, 72.9195,
79.2088

■ 50.9637, 42.7994,
54.2617

■ 76.8046, 86.0267,
88.9399

■ 46.4832, 35.6130,
47.2974

■ 81.6931, 93.3379,
98.1708

■ 42.7217, 29.7344,
40.9741

■ 83.3252, 93.9908,
106.7656

■ 39.6374, 25.0829,
35.2689

■ 83.6291, 94.1123,
108.3655

■ 37.1836, 21.5682,
30.1571

■ 35.3076, 19.0878,
25.6117

■ 33.9471, 17.5203,
21.6018

■ 32.9992, 16.6635,
18.0829

Harmonies

Analogous

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



61.1034, 61.3839, 75.4952



62.2309, 61.3839, 70.1964



62.3012, 61.3839, 64.2847

Triad

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



62.2309, 61.3839, 70.1964



57.4456, 61.3839, 56.3510



55.4900, 61.3839, 74.9251

Complementary

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



62.2309, 61.3839, 70.1964



61.3110, 68.6469, 70.9947

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.



54.5571, 61.3839, 69.4552



62.2309, 61.3839, 70.1964



55.6681, 61.3839, 58.8667

Square

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



62.2309, 61.3839, 70.1964



59.5052, 61.3839, 56.5233



54.6216, 61.3839, 63.5858



57.1971, 61.3839, 78.3339

Rectangle

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



62.2309, 61.3839, 70.1964



61.7365, 61.3839, 60.8064



54.6216, 61.3839, 63.5858



55.0772, 61.3839, 73.2530

Sweetspot

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



62.2327, 61.3866, 70.1977



92.0768, 94.9833, 105.0424



60.2292, 60.2044, 76.8534



19.5420, 20.0505, 22.2660



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.



62.2327, 61.3866, 70.1977



84.6685, 82.5601, 95.1949



60.9826, 60.8865, 63.6149



13.3395, 13.1649, 15.0489



19.2025, 9.6820, 10.7124



1.2875, 0.6446, 0.9229

Inverse Universe

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



62.2327, 61.3866, 70.1977



84.6685, 82.5601, 95.1949



62.6358, 69.1768, 77.9706



13.3395, 13.1649, 15.0489



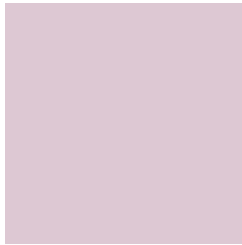
19.2025, 9.6820, 10.7124



1.2875, 0.6446, 0.9229

Previews

White Background



This preview shows how the XYZ color 62.2309, 61.3839, 70.1964 looks on a white background.

Color Contrast Check

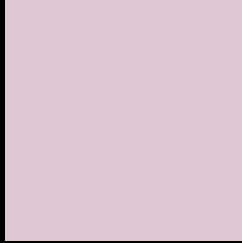
Large Text (above 18pt) WCAG AA × Fail

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 62.2309, 61.3839, 70.1964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

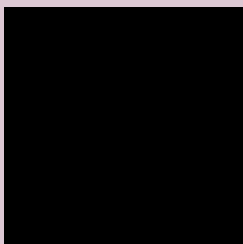
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

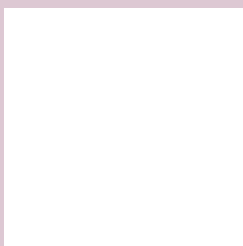
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2309, 61.3839, 70.1964

Background



This preview shows how black text looks on a background with the XYZ color 62.2309, 61.3839, 70.1964.



This preview shows how white text looks on a background with the XYZ color 62.2309, 61.3839,

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

62.2309, 61.3839, 70.1964

Protanopia

59.4626, 61.3062, 72.3176

Deuteranopia

62.6127, 61.2380, 70.1481



Tritanopia

62.8134, 61.2827, 72.8081

Trichromacy



Original Color

62.2309, 61.3839, 70.1964

Protanomaly

60.5176, 61.5130, 71.6344

Deuteranomaly

62.3055, 61.0796, 70.1337

Tritanomaly

62.6852, 61.2315, 72.1333

Monochromacy



Original Color

62.2309, 61.3839, 70.1964

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.7805, 62.4122, 69.1649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2309, 61.3839, 70.1964 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, 200, 211)` looks like.

```
.text, #text, p{  
    color:rgb(221, 200, 211)  
}
```

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, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 200, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.2309, 61.3839, 70.1964 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, 200, 211) }
```


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

```
.border{ border-color:rgb(221, 200, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 200, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(221, 200,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2309, 61.3839, 70.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 200, 211) }
```

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

```
.background{ background-color: rgb(221,  
200, 211) }
```

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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