

Converting Colors

XYZ(62.6104, 61.1457, 70.0294)

Have a look what the booklet for
XYZ(62.6104, 61.1457, 70.0294)
contains.

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Color

**XYZ(62.6127, 61.2380,
70.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC7D3
RGB	223, 199, 211
RGB Percent	87%, 78%, 83%
CMY	0.1255, 0.2196, 0.1725
CMYK	0.00, 0.11, 0.05, 0.13
HSL	330°, 27%, 83%
HSV	330°, 11%, 87%
XYZ	62.6127, 61.2380, 70.1481
YIQ	207.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

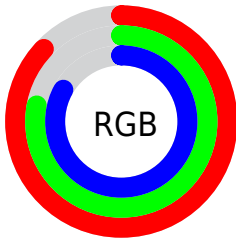
Format	Color
R _Y B	223, 199, 211
Decimal	14665683
CIE Lab	82.51, 10.46, -2.90
CIE LCh	83, 10.852, 344.518
Yxy	61.2380, 0.3227, 0.3157
Android (android.graphics.Color)	4292855763 (0xFFDFC7D3)
YUV	207.5440, 1.7038, 13.5549
Hunter-Lab	78.2547, 5.8746, 1.6303

Details

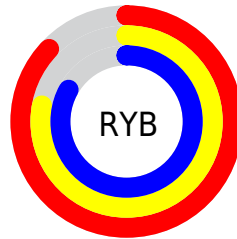
The XYZ color **62.6127, 61.2380, 70.1481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7011, 69.6222, 71.8178**, and the grayscale version is **59.6452, 62.7514, 68.3363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3597, 31.0100, 36.1783** is the 20% darker color. If you saturate the color by 10%, you get **56.5035, 51.1792, 61.4520**, and if you desaturate by 10%, it is **69.5743, 72.8446, 79.6084**.

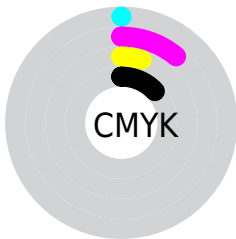
Distribution



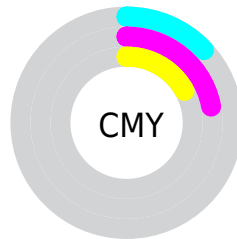
- Red (87%)
- Green (78%)
- Blue (83%)



- Red (87%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6127, 61.2380, 70.1481 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 62.6127, 61.2380, 70.1481 by changing the saturation by 10% instead.

62.6127, 61.2380,
70.1481

62.6127, 61.2380,
70.1481

423.8446,
429.1461, 479.8730

45.7854, 44.4173,
51.1697

107.6955,
106.6235, 121.1030

32.2804, 30.9987,
35.9660

136.6818,
135.9570, 153.9167

21.7324, 20.5978,
24.1185

170.4517,
170.2302, 192.1791

13.7759, 12.8304,
15.2085

209.3708,
209.8276, 236.3090

8.0456, 7.3118,
8.8176

253.8042,
255.1335, 286.7248

4.1762, 3.6579,
4.5272

304.1174,

1.8023, 1.4841,

306.5323, 343.8450

1.9188

360.6757,
364.4083, 408.0882

■ 0.5191, 0.2775,
0.5047

■ 0.0000, 0.0000,
0.0000

■ 62.6127, 61.2380,
70.1481

■ 62.6127, 61.2380,
70.1481

■ 56.5035, 51.1792,
61.4520

■ 69.5743, 72.8446,
79.6084

■ 51.2069, 42.5943,
53.4950

■ 77.4155, 86.0530,
89.8490

■ 46.6876, 35.4153,
46.2561

■ 82.5903, 93.7676,
99.6979

■ 42.9058, 29.5656,
39.7117

■ 84.2417, 94.4281,
108.3942

■ 39.8178, 24.9613,
33.8366

■ 37.3748, 21.5087,
28.6037

■ 35.5216, 19.1007,
23.9828

■ 34.1924, 17.6099,
19.9402

■ 33.3277, 16.8465,
16.6740

Harmonies

Analogous

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



61.3904, 61.2380, 76.2129



62.6127, 61.2380, 70.1481



62.6331, 61.2380, 63.5246

Triad

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



62.6127, 61.2380, 70.1481



57.0932, 61.2380, 55.0540



55.0803, 61.2380, 76.0468

Complementary

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



62.6127, 61.2380, 70.1481



61.7011, 69.6222, 71.8178

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.



53.9905, 61.2380, 69.9335



62.6127, 61.2380, 70.1481



55.1315, 61.2380, 57.9731

Square

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



62.6127, 61.2380, 70.1481



59.4043, 61.2380, 55.1029



54.0089, 61.2380, 63.3238



57.0217, 61.2380, 79.7696

Rectangle

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



62.6127, 61.2380, 70.1481



61.9601, 61.2380, 59.6940



54.0089, 61.2380, 63.3238



54.6046, 61.2380, 74.1861

Sweetspot

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



62.6145, 61.2407, 70.1494



92.0480, 94.9718, 104.8910



60.6090, 60.0264, 78.2046



19.5343, 20.0474, 22.2251



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.



62.6145, 61.2407, 70.1494



82.8162, 79.6208, 92.2182



61.1658, 60.6612, 62.5211



13.9916, 13.8143, 15.7258



19.6530, 9.9282, 10.1047



1.4074, 0.7062, 0.9384

Inverse Universe

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



62.6145, 61.2407, 70.1494



82.8162, 79.6208, 92.2182



63.2620, 70.2465, 80.0374



13.9916, 13.8143, 15.7258



19.6530, 9.9282, 10.1047



1.4074, 0.7062, 0.9384

Previews

White Background



This preview shows how the XYZ color 62.6127, 61.2380, 70.1481 looks on a white background.

Color Contrast Check

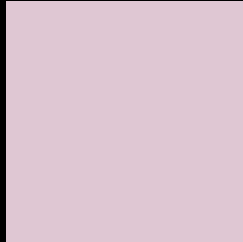
Large Text (above 18pt) WCAG AA × Fail

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 62.6127, 61.2380, 70.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

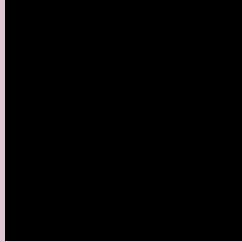
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6127, 61.2380, 70.1481

Background



This preview shows how black text looks on a background with the XYZ color 62.6127, 61.2380, 70.1481.



This preview shows how white text looks on a background with the XYZ color 62.6127, 61.2380,

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

62.6127, 61.2380, 70.1481

Protanopia

59.4626, 61.3062, 72.3176

Deuteranopia

62.6127, 61.2380, 70.1481



Tritanopia

62.9924, 61.3899, 72.1477

Trichromacy



Original Color

62.6127, 61.2380, 70.1481

Protanomaly

60.5713, 61.1913, 71.5694

Deuteranomaly

62.6127, 61.2380, 70.1481

Tritanomaly

62.8651, 61.3389, 71.4770

Monochromacy



Original Color

62.6127, 61.2380, 70.1481

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 62.6127, 61.2380, 70.1481 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(223, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(223, 199, 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(223, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 199, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.6127, 61.2380, 70.1481 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(223, 199, 211) }
```


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

```
.border{ border-color:rgb(223, 199, 211) }
```

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

Here you see how a box with a 4 pixel rgb(223, 199, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 199,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6127, 61.2380, 70.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 199, 211) }
```

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

```
.background{ background-color: rgb(223,  
199, 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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